



Bracetown Business Park, Cloness, D15 YN2P, Ireland. Tel: 00353(0) 14372484 email: info@satra.com www.satraeurope.com

CMF Ayakkabıcılık San. ve Tic. A.Ş.

06/12/2024

Cedit Ali Pasa Mahallesi
Seymen Yolu Caddesi
1.km, No: 9/1
Marmara Ereglisi
Tekirdag
Turkey
59740

Dear Yelda Gultekin

EU Module B Type examination certificate(s)

Following review of your technical file please find attached the following EU Module B type examination certificate (s).

Certificate	Models
2777/26489-01/E00-00	Techno Boots Troya Self Cleaning O4 SR CI FO (PU-PU)
2777/26490-01/E00-00	Techno Boots Troya Self Cleaning S4 SR CI FO (PU-PU)
2777/26491-01/E00-00	Techno Boots Troya Self Cleaning S5 SR CI FO (PU-PU)

The product(s) covered by the certificates listed above may now be CE marked provided that:

- 1) An EU declaration of conformity according to Regulation 2016/425 Annex IX is completed and signed by yourself and retained with the approved technical file. This shall be made available to the end user either in hard copy or via a website link in the Manufacturer's instruction and information.
- 2) A copy of the manufacturer's instruction and information, as included in the approved technical file, is supplied with the products. This information shall be provided in at least the official language(s) of the member state of destination.
- 3) The products are marked or labelled in accordance with the approved technical file.
- 4) The design remains unchanged and in accordance with the approved technical file.
- 5) Where results obtained during type testing have been highlighted as being within the budget of uncertainty when compared to the pass or fail requirement, classification, or performance level, then the factory production control and manufacturing tolerances shall be such that the product placed on the market meets with the stated requirements, classifications, or performance levels.
- 6) For category III PPE, (except that specifically produced to fit an individual user), it is supported by documentation to show compliance with module C2 or Module D of regulation 2016/425.
- 7) If the above listed certificate(s) are transfers from SATRA Technology Centre UK (Notified body 0321) to SATRA Technology Europe (Notified Body 2777) please be aware that the associated original SATRA Technology Centre UK certificate is now invalid and considered as withdrawn.

Please note:

An EU module B type examination certificate is based on testing of a model of the product and in itself does not represent any assessment of bulk production.

The manufacturer remains responsible for ensuring conformity of the PPE produced with the design specifications. Information relating to quality control activities is required to be included within the technical documentation held by the manufacturer, but any such information submitted to SATRA will not have been assessed as part of the EU type examination.

Yours sincerely,

Arzu Arman
Product Certification.



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Application for a Module B Type-Examination Certificate

In accordance with the Personal Protective Equipment Regulation (EU) 2016/425 and or Regulation 2016/425 on personal protective equipment, as amended to apply in GB. Hereafter referred to as the PPE Regulation.

This application and the subsequent certification will only address the obligations under the PPE Regulation.

It is the responsibility of the manufacturer to ensure that all other legislative requirements and claims, including those relating to shelf life are met.

Please note that all relevant sections of this application should be completed in full. Failure to complete all relevant sections shall result in the rejection of this application.

Please ensure that when referencing a standard, the full standard reference and publication date are recorded within this application. Where the full standard reference and publication date are not included, this application shall be rejected.

Where an expiry date for the presumption of conformity on a previous version of a standard has been published then SATRA will not reissue a certificate or provide own brand/extension certificates that lists the expired standard past this date.

Please indicate which Notified Body and or Approved Body this application relates. Where the application is for both EU and UKCA type examination then please tick both.

SATRA Technology Europe Limited, Notified Body 2777	EU Type Examination	<input checked="" type="checkbox"/>
SATRA Technology Centre Limited, Approved Body 0321	UKCA Type Examination	<input type="checkbox"/>

Where a certificate is suspended or withdrawn then SATRA reserves the right to inform all extension holders of the suspension and or withdrawal. This includes the reason for the suspension or withdrawal, where requested by the extension holder(s).

Guidance on the completion of this form

Application type	Service Requested	Sections to be completed	Submission requirements
Initial type-examination certificate	<input checked="" type="checkbox"/>	Section 1 Section 2 Section 6 Section 7	<ul style="list-style-type: none"> Completed and signed application form, Example of product (s), Complete technical documentation as per Annex III of the PPE Regulation. See guidance below for required content, If classed as 'category III' PPE as per Annex I of the PPE regulation, a completed module C2/D application form should be submitted.
Review and reissue of existing type-examination and/or Own Brand Manufacturer (extension) certificate/s	<input type="checkbox"/>	Section 1 Section 3 Section 7	<ul style="list-style-type: none"> Completed and signed application form, Example of products (s),, Amendments to technical documentation.
Transfer of existing type-examination certificate to SATRA	<input type="checkbox"/>	Section 1 Section 4 Section 6 Section 7	<ul style="list-style-type: none"> Completed and signed application form Example of product (s), Copy of the approved technical documentation as per Annex III of the PPE Regulation. See guidance below for required content, Copy of certificate to be transferred, If classed as 'category III' PPE as per Annex I of the PPE regulation, a completed module C2/D application form should be submitted.



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Own Brand Manufacturer (extension) type-examination certificate	<input type="checkbox"/>	Section 1 Section 5 Section 6 Section 7	<ul style="list-style-type: none"> Completed and signed application form, Copy of OBM proposed artwork for user information, product marking and packaging, If classed as 'category III' PPE as per Annex I of the PPE regulation, a completed module C2/D application form should be submitted.
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Guidance on the technical documentation required by Annex III of the PPE Regulation

The information below has been copied from Annex III of the PPE Regulation and is intended to provide guidance on the content of technical documentation (often referred to as the technical file) that is required to be submitted as part of the type examination application. SATRA can provide upon request a template technical file to aid with the collation of the required documentation.

- A complete description of the PPE and of its intended use;
- An assessment of the risks against which the PPE is intended to protect;
- A list of the essential health and safety requirements that are applicable to the PPE;
- Design and manufacturing drawings and schemes of the PPE and of its components, sub-assemblies, and circuits;
- Any explanations necessary for the understanding of the drawings and schemes referred to in point (d) and of the operation of the PPE;
- The references of the harmonised standards referred to in Article 14 that have been applied for the design and manufacture of the PPE. In the event of partial application of harmonised standards, the documentation shall specify the parts which have been applied;
- Where harmonised standards have not been applied or have been only partially applied, descriptions of the other technical specifications that have been applied in order to satisfy the applicable essential health and safety requirements; the results of the design calculations, inspections and examinations carried out to verify the conformity of the PPE with the applicable essential health and safety requirements;
- Reports on the tests carried out to verify the conformity of the PPE with the applicable essential health and safety requirements and, where appropriate, to establish the relevant protection class;
- A description of the means used by the manufacturer during the production of the PPE to ensure the conformity of the PPE produced with the design specifications;
- A copy of the manufacturer's instructions and information set out in point 1.4 of Annex II;
- For PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE based on the approved basic model;
- For PPE produced in series where each item is adapted to fit an individual user, a description of the measures to be taken by the manufacturer during the fitting and production process to ensure that each item of PPE complies with the approved type and with the applicable essential health and safety requirements.

Certification Sample Shipping Guidance

A single sample of each product must be supplied to SATRA's Certification team using the shipping details below. A corresponding sample submission form should be included within packaging and a digital copy sent ahead of shipping via email.

The following declaration should be clearly stated on the packaging and associated paperwork: '**Goods of no commercial value for testing under procedure code CPC4000C33**'.

FAO: PPE Certification

Ship to:

SATRA Technology Centre Ltd
 Wyndham Way
 Kettering
 Northamptonshire
 NN16 8SD
 United Kingdom

Please note: Samples are non-returnable and will be destroyed following completion of the type-examination.



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Section 1 – Applicant details

Section 1.1 Applicant

Details of the applicant to whom the certificates are to be issued, or in the case of an extension application the holder of the main type-examination certificate.

Company Name	CMF Ayakkabıcılık San. Ve Tic. A.Ş.		
Address Line 1	Cedit Ali Paşa Mahallesi, Seymen Yolu Cad.		
Address Line 2	1. km, No:9/1		
City	Tekirdağ	Country	Türkiye
County/State/Province	Marmaraeğlisi	Postal Code / ZIP	59740
Telephone	+90 282 613 32 15	Email	quality@cmfboots.com
Contact Name	Yelda Gültekin	Position	Quality & Certification

All correspondence relating to this application shall be with the above-named applicant, unless specifically stated below.

Section 1.2 Correspondence

I request that correspondence relating to this application is to be shared with the following company(ies)/contact(s):

Company Name	Contact Name	Email Address

Where additional correspondence has been requested then this shall be on a shared basis.



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Section 1.3 – Invoice details (to be completed if different to the applicant in section 1.1)

Details of the company that is responsible for paying all fees and to whom the invoice shall be issued. Correspondence shall only be with the applicant listed in section 1.1 plus any additional contacts provided in section 1.2.

Company Name			
Relationship to applicant			
Address Line 1			
Address Line 2			
City		Country	
County/State/Province		Post Code / ZIP	
Telephone		Email	
Contact Name		Position	

I have read and agree to the applicable declarations listed under section 7 of this form.

Signature		Date	20.08.2024
Print Name	Yelda Gültekin	Position	Quality & Certification



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Section 2 – Application for initial type-examination certificate

Please include all details of the product(s) to be certified:

Product Reference ⁽¹⁾	Product Description	Product Standard (s) ⁽²⁾
Techno Boots Troya O4 SR CI FO	Self Cleaning Rigger Boot (PU0104405S) Design C, PU sole	EN ISO 20347:2022+A1:2024
	Self Cleaning Wellington Boot (PU010440S) Design D, PU sole	
Techno Boots Troya S4 SR CI FO	Self Cleaning Rigger Boot (PU0154405S) Design C, PU sole, metallic toe cap	EN ISO 20345:2022+A1:2024
	Self Cleaning Wellington Boot (PU015440S) Design D, PU sole, metallic toe cap	
Techno Boots Troya S5 SR CI FO	Self Cleaning Rigger Boot (PU0155405S) Design C, PU sole, metallic toe cap and metallic perforation resistance	EN ISO 20345:2022+A1:2024
	Self Cleaning Wellington Boot (PU015540S) Design D, PU sole, metallic toe cap and metallic perforation resistance	

Notes

- 1) The reference, code, or name by which products can be uniquely identified.
- 2) The product standard to which certification is sought. If a harmonised or designated standard does not exist or has not been fully used then reference shall be made to the section of the technical file where this has been documented and justified.



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Section 3 - Application for review and reissue of existing type examination

Details of certificate/s to be reviewed and reissued:

Certificate Number(s) ⁽¹⁾	Expiry Date	Reason for review and reissue ⁽²⁾
		Choose an item.
		Details of the change(s)
		Choose an item.
		Details of the change(s)
		Choose an item.
		Details of the change(s)
		Choose an item.
		Details of the change(s)
		Choose an item.
		Details of the change(s)
		Choose an item.
		Details of the change(s)
		Choose an item.
		Details of the change(s)
		Choose an item.
		Details of the change(s)

Please submit a full copy of the technical documentation showing all amendments relating to the above certificate(s) with this application.

Please list all changes that you wish to be considered as part of this application. Only these changes shall be considered.

Where the application relates to expiry of a certificate and there have been no modifications or changes to the approved technical documents or products since the issue of the type-examination certificate(s), (e.g., design, materials, suppliers, sub-components/assemblies, production locations) then please write "no changes". Please note that where no changes have been made a full copy of the most recent technical documentation will still be required to be submitted.

Where there is an Own Brand Manufacturer (extension) certificate associated with any of the above listed certificates then consideration shall be given to their ongoing validity and where appropriate an extension application completed and submitted.

If there is insufficient space above then please supply additional information as an attachment, clearly referencing all attachment/s within the table above.

Notes

- (1) Please include the certificate number of all certificates that require review and reissue.
- (2) Please select the option that relates to the reason for the review and reissue being required.



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Section 4 – Application for transfer of existing type-examination

Details of the certificate(s) to be transferred, including where not SATRA details of the issuing body.

Certificate Number	Product Reference ⁽¹⁾	Name of Notified or Approved body that issued certificate (if not SATRA)

Have there been any modifications or changes to the approved technical documents or products since the issue of the type examination certificate(s)? (e.g., design, materials, suppliers, sub-components/assemblies, production locations)	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
If yes, then please provide further details of the changes and or modifications:				

Where the issuing body listed above is not SATRA then a copy of the issued certificate to be transferred along with a full copy of the current technical documentation shall be provided as part of this application

Notes

- 1) The reference, code, or name by which products can be uniquely identified.



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Section 5 – Application for Own Brand/Extension of existing type-examination

Section 5.1 Extension certificate details (Company to receive the extension certificate)

Company Name			
Address Line 1			
Address Line 2			
City		Country	
County/State/Province		Postal Code / ZIP	
Telephone		Email	
Contact Name		Position	

Section 5.2 – Certificate details

Original certificate number(s)	Original certificate product reference(s)	Extension (OBM) product reference(s)

SATRA will only issue an own brand/extension certificate where this is a duplicate of the main holders' certificates, minor amendments may be considered where these do not affect the claims made. Where amendments are required then please speak with your assessor to discuss this.



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Section 5.3 Extension application declaration.

To be signed by the company to whom the extension type-examination certificate will be issued.

I, the undersigned:

- 1) Confirm that the extension certificate(s) will only be used to support the affixation of the CE or UKCA mark to products that have been supplied by the holder of the Module B Type Examination Certificate(s) referenced in Section 1 above and declared by them to have been manufactured in accordance with the technical documentation associated with the referenced Module B type-examination certificate(s) in section 5.2.
- 2) Confirm that for Category III products, a formal application regarding Module C2 or Module D assessment, as appropriate has been established with a Notified or Approved Body. (Note this could be based on an existing application between the company in Section 1 and a Notified or Approved Body)
- 3) Agree to provide copies of the proposed product marking and user information as intended for the products covered by the extension certificate(s).

I have read and agree to the declarations listed above and within section 7 of this form.

Signature		Date	
Print Name		Position	



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Section 6 – Ongoing conformity

To be completed for category III products only (as defined in Annex I of the PPE Regulation)
 Please tick and complete one of the 4 following options

Option 1	Module C2 with SATRA	<input type="checkbox"/>
Option 2	Module D with SATRA (Module D not currently in place with SATRA)	<input type="checkbox"/>
Option 3	Module D with SATRA (Module D currently in place with SATRA)	<input type="checkbox"/>
Option 4	Module C2 or D with another Notified or Approved body (i.e., Not SATRA) Please include Notified or Approved body number	<input type="checkbox"/>
		# <input type="text"/>

Where a Notified or Approved Body other than SATRA is selected for ongoing conformity then it should be noted that SATRA CANNOT approve the use of the Notified or Approved Body number on marking, user information or packaging. The applicant is required to seek approval directly from the body listed above. SATRA reserves the right to ask for evidence of approval.

Where options 1 or 2 are selected a separate application shall be provided, this shall be required to be completed and returned prior to the type-examination certificate being issued.

Please note that a valid certificate and or test report confirming conformity with Module C2, or Module D is required prior to placing product on the market. As such SATRA will request samples for Module C2 or initiate arranging a module D audit immediately on issue of the module B certificate.

Definition of products that fall within Category III as per Annex I of the PPE Regulation

- a) Substances and mixtures which are hazardous to health,
- b) Atmospheres with oxygen deficiency,
- c) Harmful biological agents,
- d) Ionising radiation,
- e) High-temperature environments the effects of which are comparable to those of an air temperature of at least 100 °C,
- f) Low-temperature environments the effects of which are comparable to those of an air temperature of –50 °C or less,
- g) Falling from a height,
- h) Electric shock and live working,
- i) Drowning,
- j) Cuts by hand-held chainsaws,
- k) High-pressure jets,
- l) Bullet wounds or knife stabs,
- m) Harmful noise.




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Section 7 – Declaration

- 1) I declare that an application for an initial Module B type-examination certification for the product(s) listed in this form has NOT been made to any other Notified or Approved Body under the terms of the PPE Regulation;
- 2) I understand that all technical documentation shall be reviewed at the same time. SATRA cannot accept requests to review or comment on individual documents outside of this formal review.
- 3) I agree to provide an example of the product(s) listed in this form as part of the initial application plus as many samples as required for testing purposes identified as part of the certification process and where SATRA is the test lab;
- 4) I confirm that samples comply with the innocuousness requirements of Annex II of the PPE Regulation;
- 5) I confirm that I have read, understood, and agree to abide by the content of the certification agreement included as Appendix 1 of this document;
- 6) I declare that SATRA have not been involved in the design process for the product(s) listed in this form;
- 7) I agree to comply with all obligations of a manufacturer as detailed in Article 8 of the PPE Regulation (and as copied out under section 5 of the certification agreement);
- 8) I agree that technical information and documents relating to this application may be shared internally within the SATRA group of companies;
- 9) I agree to address all findings identified within SATRA's review report(s) within 3 months of the date of issue of the report;
- 10) I agree that failure to address all findings within the required timeframe shall be assumed by SATRA as a wish to cancel this application which shall result in closure of the associated SATRA reference number, at which point, an invoice shall be issued for the full certification cost. Any associated payments received in relation to this application are non-refundable and non-transferable. Please note that upon cancellation, any product samples submitted to SATRA in relation to this application shall be disposed;
- 11) I agree that any request to resume a cancelled application shall require the submission of a new application.

To be completed by the applicant as listed in section 1.1.

Signature		Date	20.08.2024
Print Name	Yelda Gültekin	Position	Quality & Certification

Please return the completed application form, together with a copy of your technical documentation to ppe@satra.com.

Guidance relating to the submission of samples will be provided upon receipt of this application by SATRA.



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Appendix 1 – Certification agreement

1. General

- 1.1 By signing this application form, the applicant (hereafter known as the 'Client') shall accept the application and Certification Agreement as a legally binding contract between SATRA Technology Centre Limited and or SATRA Technology Europe Ltd (hereafter referred as 'SATRA') and the 'Name of company' as stated in the 'Applicant Details' on Page 1 of the Application Form.
- 1.2 Where referenced within this document the SATRA Group of companies refers to SATRA Technology Centre Limited, SATRA Technology Europe Limited and SATRA Technology Services (Dongguan) Limited.
- 1.3 EU or UKCA module B Type Examination work will not be carried out for any Client until a fully completed and signed Application Form (and Certification Agreement) has been received by SATRA.
- a) and or reinstatement of a certificate
 - b) Reassessment due to changes in the management system or products certified
 - c) Compliance with any subpoena for documents or testimony relating to activities undertaken by SATRA

2. Client Responsibilities

The Client shall:

- 2.1 Undertake to pay all agreed fees and costs charged in conjunction with this application and where applicable to provide free of charge any samples required for testing purposes.

Additional fees may be incurred for work not included within the quote provided and for work required where non-conformances are identified. These may include, without limitation, costs arising from:

- a) Repeats of any part of the certification, due to the registration procedures and rules not being met
- b) Additional work due to suspension, withdrawal and or reinstatement of a certificate
- c) Reassessment due to changes in the management system or products certified
- d) Compliance with any subpoena for documents or testimony relating to activities undertaken by SATRA

- 2.2 Inform SATRA, without delay, of any changes that may affect its ability to conform with the certification requirements, including changes significantly affecting the product's design or specification, or changes in the standards to which compliance of the product is relevant, or in the case of any other information indicating that the product may no longer comply with the requirements of the certification scheme.

Examples of changes may include the following:

- a) the legal, commercial, organisational status or ownership,
- b) organisation and management (e.g., key managerial or technical staff),
- c) modifications to the product or the production method,
- d) contact address and manufacturing sites,
- e) major changes to the quality management system.

Where changes have taken place, the Client shall not release CE or UKCA marked products until the appropriate changes to the certified product, as agreed by SATRA and the Client, have been implemented.

- 2.3 Where applicable, provide access to certified products for surveillance activities.
- 2.4 Ensure that the certified product shall continue to fulfill the requirements of the product certification (e.g., levels or classifications achieved as part of the certification process).
- 2.5 Make all necessary arrangements for:
- a) the conduct of the evaluation and surveillance (if required), including provision for examining documentation and records, and access to the relevant equipment, location(s), area(s), personnel, and the Client's subcontractors;
 - b) the investigation of complaints;
 - c) the participation of observers, if applicable.
- 2.6 Provide any applicable information regarding known or potential hazards likely to be encountered by SATRA personnel as a result of handling or coming in to contact with submitted samples or during visits in order to allow SATRA to comply with Health and Safety legislation



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- 2.7 Take all steps necessary to ensure that the manufacturing process, including the final inspection of PPE and tests, ensures the homogeneity of production and the conformity of PPE with the type described in the Module B Type Examination Certificate and with the relevant basic requirements of the PPE Regulation.
- 2.8 Ensure that any claims regarding certified products are consistent with the scope of product certification with respect to the identification of:
- a) the product(s), process (es) or services(s) for which the certification is granted;
 - b) the applicable certification scheme; and,
 - c) the standard(s) and other normative document(s) (including date of publication) to which the product(s); process(es) or service(s) has been judged to comply.
- 2.9 Not use its product certification in such a manner as to bring SATRA into disrepute and does not make any statement regarding its product certification that SATRA may consider misleading or unauthorised.
- 2.10 Upon suspension, withdrawal, or termination of certification, the Client discontinues its use of all advertising matter that contains any reference thereto and acts as required by the certification scheme (e.g., the return of certification documents) and takes any other required measure.
- 2.11 Only provide copies of the certification documents to others, if the documents are reproduced in their entirety.
- 2.12 In referring to its product certification in communication media such as documents, brochures or advertising, the Client complies with the requirements of SATRA or as specified by the certification scheme.
- 2.13 Comply with any requirements that may be prescribed in the certification scheme relating to the use of marks of conformity, and on information related to the product. These being:
- 2.13.1 The CE or UKCA Mark can only be applied to stationery and publicity material which relates to the products for which certification has been granted. This can include the internet, brochures, advertisements etc. We would advise any Client to contact us prior to printing if there is any doubt regarding the intended use. The misuse of the CE, UKCA or other marks could result in the issue of a requirement to withdraw offending items.
 - 2.13.2 Where possible the minimum height of the CE or UKCA mark must be no less than 5mm and shall only be increased in proportion.
 - 2.13.3 The CE, UKCA or other mark may not be used in any way that may be interpreted as misleading nor shall the client make any misleading statements regarding its certification
 - 2.13.4 The use of SATRA's Notified Body or Approved body number after the CE or UKCA mark is restricted to those products defined as Category III Products and where SATRA is responsible for Module C2 or Module D. However, it may be used on user information of all certified products as a means of identifying SATRA as the type approval body and the Module C2 or D body.
 - 2.13.5 Upon suspension or withdrawal of its certification, The Client shall discontinue its use of the CE or UKCA mark as directed by SATRA and shall amend all advertising matter when the scope of registration has been reduced. The Client shall ensure that the CE, UKCA or other marks are not used in such a manner that would bring SATRA into disrepute and lose public trust.
- 2.14 Uses certification only to indicate that products are certified as being in conformity with the PPE Regulation and where applicable specified standards.
- 2.15 Shall confirm that the samples submitted for any testing required as part of the certification process shall be representative of the product to be certified in respect of all its characteristics taken together, and be made from production tools and assembling methods used for the production run.
- 2.16 Retains a record of all non-conformities and complaints relating to certification requirements of the certified product(s) and makes these records available to SATRA when requested, and:
- a) takes appropriate action with respect to such complaints about any deficiencies found in products that affect compliance with the requirements for certification;
 - b) documents the action taken.
- 2.17 Retain the EU or UKCA Certificate of Conformity (or a copy of it) for a minimum of 10 years after the product to which it relates is last placed on the market



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3. SATRA Responsibilities

- 3.1 SATRA shall inform the Client of any changes that may affect the validity of the product certification.
- 3.2 After confirming the acceptance of the application, the SATRA Assessor shall discuss and agree with the Client the responsibility for carrying out the various tasks according to the requirements of Annex II of the PPE Regulation as applicable. Where testing is required, this shall be carried out in accordance with SATRA Technology Centre Limited's ISO 17025 Quality system and procedures. SATRA reserves the right to sub-contract testing, where this is required then this shall be agreed with the Client.
- 3.3 SATRA shall carry out the certification process against an agreed product standard (s) or specification (s) where possible. The normal route shall be to use an English language version of the appropriate European Harmonised, or UK designated standard. National forewords to such standards will not normally be considered unless specifically requested by the Client. Other standards or technical specifications may be used, where this is deemed necessary then it shall be by mutual agreement with the Client. Whichever option is chosen it shall satisfy all the relevant requirements of the PPE Regulation. This shall also include appropriate test data to demonstrate that the materials used to construct the products do not contain substances that may cause harm and that they are in compliance with the current requirements of all applicable product standards as well as the current version of Annex XVII of the EU and or UK REACH Regulation.
- 3.4 SATRA shall retain copies of technical files for a minimum of 10 years after the product is last placed on the market and/or the EU or UKCA Module B Type Examination certificate is cancelled, withdrawn or expires, whichever comes sooner. Such documentation shall be made available to the Surveillance Authorities upon demand.
- 3.5 Where review of an existing certificate is requested, the Assessor shall send the Client an appropriate application form for completion and return. On return of the completed application form, the Assessor shall decide on whether reduced Certification Procedures may be undertaken and shall document the decision.
- 3.6 Where an extension to an existing certificate is requested, the Assessor shall send the Client an appropriate application form for completion and return.
- 3.7 Where SATRA becomes aware that a registered Client has misused a certificate, schedule, logo or accreditation mark, the Client shall be required to ensure that the misuse is rectified. Incorrect references to the certification system or misleading use of information found in advertisements, catalogues etc. shall be dealt by suitable means including corrective action, publication of the transgression and, if necessary, legal action.
- 3.8 Suspension, termination, and withdrawal of certificates
 - 3.8.1 Where a certificate is suspended, terminated, or withdrawn then the Client has the right to appeal. The appeal shall be received in writing, by SATRA, within twenty-eight working days of the Client having being informed of the intention to suspend, withdraw, or terminate the certificate.
 - 3.8.2 The outcome of an appeal shall be final and binding on both parties and no counter claim by either party shall be accepted. Where an appeal is successful, the Clients costs may be reimbursed at the discretion of SATRA.
 - 3.8.3 Suspension of certificates.
 - 3.8.3.1 A Clients EU or UKCA Module B Type Examination Certificate may be suspended for the following reasons:
 - Contravention of SATRA's rules and regulations relating to product certification;
 - Where effective corrective action is not implemented within an agreed timescale against a major non-compliance found during a surveillance visit.
 - Where significant non-homogeneity is highlighted during on-going surveillance.
 - 3.8.3.2 SATRA shall inform the Client in writing that their certificate has been suspended, the reason(s) for the suspension and the actions required to reinstate the certificate.
 - 3.8.3.3 SATRA shall inform the appropriate notifying authority when a Client's certificate has been suspended.
 - 3.8.3.4 If product certification is reinstated after suspension, SATRA shall make all necessary modifications to formal product certification documents, public information, authorisations for use of marks, etc., in order to ensure all appropriate indications, exist that the product continues to be certified.
 - 3.8.3.5 If a decision to reduce the scope of product certification is made as a condition of reinstatement, SATRA shall make all necessary modifications to formal product certification documents, public information, authorisations for use of marks, etc., in order to ensure the reduced scope of product certification is clearly communicated to the Client and clearly specified in product certification documentation and public information.



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3.8.4 Withdrawal or termination of certificates

3.8.4.1 A certificate shall be withdrawn if:

- It is found that a condition of manufacture, design, materials, or packaging have been changed and therefore no longer comply with the requirements of the Directive or Regulation as applicable;
- The Client fails to settle their financial obligations to SATRA;
- The Client fails to effectively implement the actions agreed following the suspension of a certificate;
- Actions taken by the Client during their business activities that would bring SATRA and / or the Product Certification Scheme into disrepute;
- The Client does not wish to continue with certification;
- The Client goes out of business.

3.8.4.2 SATRA shall inform the Client in writing that their certificate has been withdrawn, the reason(s) for the withdrawal and any actions required.

3.8.4.3 SATRA shall inform the appropriate notifying authority when a Client's certificate has been withdrawn.

3.9 Confidentiality

3.9.1 The results of Product Certification activities shall be treated by SATRA as confidential. Results obtained shall only be passed to third parties with the permission of the Client that originally commissioned it, except for requests from enforcement and surveillance authorities.

Note: SATRA reserves the right to share information relating to certification within the SATRA Group of companies unless advised otherwise.

3.10 Complaints and Appeals

3.10.1 Upon receipt of a complaint or an appeal which relates to product certification activities, the Business area head or their nominated deputy shall deal with it in accordance with SATRA's complaints and appeals procedure.

3.10.2 Where the complaint or appeal relates to the on-going conformity of a product certified by SATRA, it is possible that any agreed remedial actions may involve recalling non-compliant products in which case SATRA shall require documented evidence of such a recall.

3.10.3 Complainants raising issues regarding a) products not being CE or UKCA -marked when they should be or b) EU or UKCA Type Examination certificates issued by other Notified or Approved Bodies shall be directed to the appropriate enforcement authority.

3.10.4 SATRA shall only accept written appeals received within twenty-eight days of the client being informed of the decision that gave rise to the appeal.

3.10.5 Full details of the SATRA Complaints and Appeals procedure are available on request.

3.11 SATRA shall retain in its archive for the period required by the relevant accreditation body all materials relating to the certificate. After which SATRA shall dispose of said materials unless instructed otherwise by the Client. All fees for carrying out such instructions will be invoiced to the Client.

4.0 SATRA Requirements

4.1 Any test reports submitted to SATRA in support of EU or UKCA type examination shall meet the following criteria:

- a) Reports shall reflect state of the art and be as current as possible, where reports are older than 5 years (60 months) then SATRA reserves the right to request additional supporting documentation, such as more recent check test data;
- b) Where not undertaken by SATRA, all testing and reporting shall be carried out by a laboratory that is independent and impartial to any economic operator of the finished product and considered as being competent to conduct the work. Accreditation of a laboratory to ISO 17025 by a National Accreditation Body that is recognised by INAB or UKAS (see ILAC website) for the work undertaken will be taken as evidence of competence as long as it can also demonstrate that it has knowledge of, and access to, any appropriate recommendation for use sheets and guidance papers endorsed by the European Commission or UK Government. In the absence of such accreditation, a report will be accepted only when competence has been demonstrated to the satisfaction of SATRA, via an audit visit and, where judged necessary, check testing.

Note, in either case if the laboratory is not a Notified or Approved Body, SATRA may commission limited check testing on safety critical properties;



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- c) Innocuousness test data which has been requested in addition to that required by the main European Harmonised or UK Designated Standard or performance specification. These additional innocuousness tests (i.e., not detailed in the product standard) need not be carried out by SATRA or an ISO 17025 accredited facility but it will be necessary to submit actual test data (declarations of conformity are not acceptable).
 - d) Reports shall contain where possible the following information:
 - (i) sample references given in any test report shall be the same as those detailed in the technical file,
 - (ii) reference to the manufacturer and manufacturing site(s),
 - (iii) identification of the organisation and personnel responsible for the test,
 - (iv) identification of the product(s) in accordance with the relevant technical specification,
 - (v) date(s) samples were received and the date(s) testing was undertaken,
 - (vi) details of samples received and the sampling procedure if applicable,
 - (vii) testing methods and procedures used according the relevant technical specification,
 - (viii) the results of all testing carried out, including analysis of these where relevant,
 - (ix) registration number of the Notified Body (when relevant),
 - (x) signature of the person authorised to sign such test reports;
 - e) The Test Report shall indicate compliance of the product(s) with the relevant clauses of the harmonised standard (s).
- 4.2 Copies of all test Reports used as part of the certification process shall be submitted to SATRA. Copies of Test Reports that form part of any on-going monitoring procedure should be retained by the manufacturer and made available on request.
- 4.3 All test reports submitted as part of the certification process shall, where applicable, include information relating to the use of uncertainty of measurement. When evaluating the suitability of results and reports SATRA will, where applicable to safety critical aspects of the product, take uncertainty of measurement into account. SATRA reserves the right to reject reports where the uncertainty of measurement cannot be determined for those tests/properties deemed by SATRA to be safety critical.
- 4.4 Where a technical file is required as part of the certification process then it shall include at least the following:
- a) name & address of the manufacturer;
 - b) name and address of the Authorised representative in the EU (if relevant);
 - c) full description(s) of the product(s) included within the technical file, including specifications, annotated drawings and comprehensive photographs of all styles;
 - d) full details of all materials and components used in the construction of the product (s) including specifications, and supplier details (name and postal address);
 - e) quality control procedures, and where appropriate, a copy of the ISO9001 certificate for the manufacturing site(s), this should include a description of the control and test facilities at the manufacturing site(s) that are in place in order to check compliance of production with the harmonized standards / technical specifications to ensure ongoing compliance;
 - f) details of proposed packaging and product marking, including label artwork;
 - g) copy (ies) of all applicable user information sheets, these shall comply with the requirements of the agreed product standard;
 - h) check list showing compliance with the applicable health and safety requirements, Annex II of the PPE Regulation;
 - i) all applicable test reports, references to materials on submitted test reports must correspond with those in the material specifications.
- 4.5 SATRA reserves the right to request additional supporting documentation including further testing, where the certification process becomes protracted.
- 5.0 Article 8 of the PPE Regulation – Obligations of manufacturers**
- 5.1 When placing PPE on the market, manufacturers shall ensure that it has been designed and manufactured in accordance with the applicable essential health and safety requirements set out in Annex II.
- 5.2 Manufacturers shall draw up the technical documentation referred to in Annex III ('technical documentation') and carry out the applicable conformity assessment procedure referred to in Article 19 or have it carried out.
- Where compliance of PPE with the applicable essential health and safety requirements has been demonstrated by the appropriate procedure, manufacturers shall draw up the EU or UKCA declaration of conformity referred to in Article 15 and affix the CE or UKCA marking referred to in Article 16.
- 5.3 Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the PPE has been placed on the market.



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- 5.4 Manufacturers shall ensure that procedures are in place for series production to remain in conformity with this Regulation. Changes in the design or characteristics of the PPE and changes in the harmonised or Designated standards or in other technical specifications by reference to which the conformity of the PPE is declared shall be adequately considered.
- When deemed appropriate regarding the risks presented by PPE, manufacturers shall, to protect the health and safety of consumers and other end-users, carry out sample testing of PPE made available on the market, investigate, and, if necessary, keep a register of complaints, of non-conforming PPE and PPE recalls, and shall keep distributors informed of any such monitoring.
- 5.5 Manufacturers shall ensure that the PPE which they place on the market bears a type, batch or serial number or other element allowing its identification, or, where the size or nature of the PPE does not allow it, that the required information is provided on the packaging or in a document accompanying the PPE.
- 5.6 Manufacturers shall indicate, on the PPE, their name, registered trade name or registered trade mark and the postal address at which they can be contacted or, where that is not possible, on its packaging or in a document accompanying the PPE. The address shall indicate a single point at which the manufacturer can be contacted. The contact details shall be in a language easily understood by end-users and market surveillance authorities.
- 5.7 Manufacturers shall ensure that the PPE is accompanied by the instructions and information set out in point 1.4 of Annex II in a language which can be easily understood by consumers and other end-users, as determined by the Member State concerned. Such instructions and information, as well as any labelling, shall be clear, understandable, intelligible, and legible.
- 5.8 The manufacturer shall either provide the EU or UKCA declaration of conformity with the PPE or include in the instructions and information set out in point 1.4 of Annex II the internet address at which the EU declaration of conformity can be accessed.
- 5.9 Manufacturers who consider or have reason to believe that PPE which they have placed on the market is not in conformity with this Regulation shall immediately take the corrective measures necessary to bring that PPE into conformity, to withdraw it or to recall it, as appropriate. Furthermore, where the PPE presents a risk, manufacturers shall immediately inform the competent national authorities of the Member States in which they made the PPE available on the market to that effect, giving details of the non-conformity and of any corrective measures taken.
- 5.10 Manufacturers shall, further to a reasoned request from a competent national authority, provide it with all the information and documentation, in paper or electronic form, necessary to demonstrate the conformity of the PPE with this Regulation, in a language which can be easily understood by that authority. They shall cooperate with that authority, at its request, on any action taken to eliminate the risks posed by PPE which they have placed on the market.

For more information, please contact:
 E-mail: ppe@satra.com
 website: www.satra.com

TECHNICAL FILE***Safety, Protective, and/or Occupational footwear***

PPE Technical Documentation Type	<input checked="" type="checkbox"/>	EU Type Examination in accordance with European PPE Regulation (EU) 2016/425
	<input type="checkbox"/>	UKCA Type Examination in accordance with Regulation 2016/425 on personal protective equipment, as amended to apply in GB
	<input type="checkbox"/>	EU & UKCA Type Examination in accordance with European PPE Regulation (EU) 2016/425 and Regulation 2016/425 on personal protective equipment, as amended to apply in GB

Company:	CMF Ayakkabıcılık San. ve Tic. Ltd. Şti.
Product Reference(s):	Techno Boots Troya Self Cleaning O4 SR CI FO PU sole (Design C - Rigger) and (Design D - Wellington)
	Techno Boots Troya Self Cleaning S4 SR CI FO PU sole (Design C - Rigger) and (Design D - Wellington)
	Techno Boots Troya Self Cleaning S5 SR CI FO PU sole (Design C - Rigger) and (Design D - Wellington)

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Section 9	Quality Control Procedures
Section 10	Declaration of Conformity
	Informative Annex

(This skeleton Technical File has been produced by SATRA for an authorised representative or manufacturer of Personal Protective Equipment (PPE) to either enter the missing information or use it as an example for guidance. Whichever option you choose, it is important to ensure that all the necessary information is given in a clear, concise, and unambiguous format).

SECTION 1 – COMPANY INFORMATION**COMPANY STRUCTURE:**

CMF Ayakkabıcılık San. Tic. Ltd. Şti. was founded at Akçaburgaz Mahallesi 3088th Street No: 25/A Floor: 3 Esenyurt-Istanbul on January 28, 2013, by three partners who have been operating in the shoe sector for 20 years. On October 1, 2017, Akcaburgaz District was renamed as 592. Street, so the factory was moved to 592. Street No: 14 Ground and Above Esenyurt-Istanbul address, by increasing its production capacity in 3000 m2 indoor and 1000 m2 outdoor area. We design products in accordance with occupational safety standards and comfort and safety which is offered in the same boot as the polyurethane injection moulding machine with the most advanced German technology. Since September 2022, we have continued manufacturing at the address of Seymen Yolu Cad. Cedit Ali Paşa Mahallesi No: 9/1 in Marmaraereğlisi, Tekirdağ.

STATEMENT OF END USE OF PPE


Safety Footwear products will be used by many different industries such as Oil Refineries, Petrochemistry Facilities, Gas Stations, Food and Health Industry, Agriculture and Livestock Facilities, Farms, Forestry, Hunting, Water and Sewage Works, Sanitation, Parks, Gardens, Milk Processing Plants, Poultry and Fisheries, Production Plants, Slaughterhouses, Mines, Metal and Steel Industry, Construction, Concrete, Cement and Lime Industry, Marine Industry and Warehousing. The category of protection chosen by the end user should be in accordance with the risk factor assessment carried out by their internal health and safety officer.

HARMONISED STANDARD(S) / SPECIFICATIONS TO BE APPLIED

EN ISO 20345:2022+A1:2024
EN ISO 20347:2022+A1:2024

DECLARATION OF INNOCUOUSNESS

Other than those specified on the user instructions, the products covered by this technical file are not known to contain any materials or substances (including decomposition products) likely to harm the health or hygiene of the user or other person likely to come into contact with the product.

First Name & Surname:	Burcu TONUZ
Signature:	
Position:	Quality Manager
Date:	20.08.2024

SECTION 2 – PRODUCTION SITE DETAILS

List the production sites of all the PPE products covered by this “Technical File”. If the “Technical File” includes several different models of footwear made at different sites, then please specify below which models are made at each site. If required you may add additional production sites.

PRODUCTION SITE 1

Company Name:	CMF Ayakkabıcılık San. ve Tic. A.Ş.
Address Line 1:	Seymen Yolu Cad. Cedit Ali Paşa Mahallesi
Address Line 2:	1.km No: 9/1
Town/City:	Tekirdağ
County/State/Province:	Marmaraeğlisi
Postcode:	59740
Country:	Türkiye

Products Covered:	All products in this technical file are manufactured at this location	
	1	
	2	
	3	
	4	
	5	

PRODUCTION SITE 2 (if applicable)

Company Name:	
Address Line 1:	
Address Line 2:	
Town/City:	
County/State/Province:	
Postcode:	
Country:	

Products Covered:	Choose an Item	
	1	
	2	
	3	
	4	
	5	

SECTION 3 – RISK ASSESSMENT

Please list all the hazards associated with the PPE using the "Guide" and "Key" below.

Hazards (A)	Type of Injury (B)	Severity (C)	Likelihood (D)	Rating (E)	Design Considerations (F)	Residual Risk (G)	Standard (H)
Impact/Compression of toes	Crushing of foot / toes	4	2	8	Correct choice of toe cap, margins in design for greater clearance allowance (200J)	2	EN ISO 20345:2022+A1:2024 (Only applicable for styles with toe protection)
Built up of electrostatic in the body	risk of electric shock from electrical equipment or live parts as well as that posed by sparks igniting flammable substances or vapours	4	2	8	Materials conforming to Antistatic properties; footbeds, insole boards, penetration resistance, midsole & outsole (A)	2	EN ISO 20345:2022+A1:2024 EN ISO 20347:2022+A1:2024
Impact of body on the landing on the heel	Sore joints	1	2	2	Midsole Density and footbed type to achieve Energy absorption of seat region (E)	1	EN ISO 20345:2022+A1:2024 EN ISO 20347:2022+A1:2024
Slipping	Falling or slipping	4	2	8	Sole design to include open channels for fluids to run out and use of high-quality outsole material (SR)	2	EN ISO 20345:2022+A1:2024 EN ISO 20347:2022+A1:2024
Degradation of Sole	Falling or slipping due to degraded sole	4	2	8	Oil-resistant added to sole of footwear to prevent oil from seeping through (FO)	2	EN ISO 20345:2022+A1:2024 EN ISO 20347:2022+A1:2024
Stepping on nail /broken glass etc	Perforation of the foot	4	2	8	Full coverage textile perforation resistant material OR metal placed with correct fitting (P)	2	EN ISO 20345:2022+A1:2024 EN ISO 20347:2022+A1:2024 (Only applicable for styles that include perforation resistant material)
Cold Insulation	Discomfort and reduction of blood flow hence heat loss and cold feet	3	3	9	Material quality and sole design (CI)	2	EN ISO 20345:2022+A1:2024 EN ISO 20347:2022+A1:2024 (Only applicable for styles with cold insulation properties)

Note: It is critical for the users to always ensure that the footwear is suitable for the intended end use and understand that no item of PPE can provide full protection but the aim is to bring the risk factors to "Minor" probabilities with the design of the product and the choice of materials used. The user must always take care while carrying out the risk-related activities. Careful examination of the footwear before use is also critical for the above design considerations to work and any footwear deemed unfit for wear should be immediately replaced.

Key

SEVERITY	5 Severe	5 Medium	10 High	15 High	20 Very High	25 Very High	Residual Risk	
	4 Major	4 Medium	8 Medium	12 High	16 High	20 Very High	5	Very High
	3 Moderate	3 Low	6 Medium	9 Medium	12 High	15 High	4	High
	2 Minor	2 Very Low	4 Medium	6 Medium	8 Medium	10 High	3	Medium
	1 Negligible	1 Very Low	2 Very Low	3 Low	4 Medium	5 Medium	2	Low
		1 Rare	2 Unlikely	3 Possible	4 Likely	5 Almost Certain	1	Very Low
							LIKELIHOOD	

STANDARD/CLASSIFICATION

<input type="checkbox"/>	EN ISO 20345:2022+A1:2024 <i>Safety Footwear</i>	<input type="checkbox"/>	EN ISO 20346:2022+A1:2024 <i>Protective Footwear</i>	<input checked="" type="checkbox"/>	EN ISO 20347:2022+A1:2024 <i>Occupational Footwear</i>
	Choose an item.		Choose an item.		O4

Style Reference	Techno Boots O4 SR CI FO Design C PU0104405S (Rigger) Techno Boots O4 SR CI FO Design D PU010440S (Wellington)	Group Ref (If applicable)	Troya / Self Cleaning
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PRODUCT DESCRIPTION

Upper Material ⁽¹⁾	PU (Khaki/Dark Green, Black, Red, Orange, Yellow, Navy Blue or White)					
Upper Material ⁽²⁾	N/A					
Upper Material ⁽³⁾	N/A					
Tongue Material	N/A					
Collar Material	N/A					
Vamp Lining	N/A					
Tongue Lining	N/A					
Quarter Lining	N/A					
Counter Lining	N/A					
Stocking	PU Coated Polyester Fabric					
Insole Board <i>(If applicable)</i>	N/A					
Perforation Resistance	N/A	Insert Reference		N/A		
Toecap Protection	N/A	Toecap Reference		N/A		
Last Reference	N/A					
Sole Reference	Self-Cleaning					
Soling Construction	Entirely Moulded					
Soling Material	PU/PU					
Soling Colour Variants	Black or Navy-Blue PU Sole					
Insock/Footbed	Full Length Textile Coated PU Footbed					
Size Range	UK	3-14	EU	36-49	Other <i>(Specify)</i>	
Fixtures:	N/A					
Scuff Cap <i>(If applicable)</i>	N/A					
Heel Cap <i>(If applicable)</i>	N/A					

PRODUCT IMAGE



SOLE DESIGN



Footbed



CORRESPONDING TOECAP SIZES (if applicable)

Footwear Size	3/36	4/37	5/38	6/39	6.5/40	7/41	8/42	9/43	10/44	10.5/45	11/46	12/47	13/48	14/49
Toecap Size	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CORRESPONDING PERFORATION INSERT SIZES (if applicable, metallic perforation only)

Footwear Size	3/36	4/37	5/38	6/39	6.5/40	7/41	8/42	9/43	10/44	10.5/45	11/46	12/47	13/48	14/49
Perforation Size	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

STANDARD/CLASSIFICATION

<input checked="" type="checkbox"/>	EN ISO 20345:2022+A1:2024 <i>Safety Footwear</i>	<input type="checkbox"/>	EN ISO 20346:2022+A1:2024 <i>Protective Footwear</i>	<input type="checkbox"/>	EN ISO 20347:2022+A1:2024 <i>Occupational Footwear</i>
	S4		Choose an item.		Choose an item.

Style Reference	Techno Boots S4 SR CI FO Design C PU0154405S (Rigger) Techno Boots S4 SR CI FO Design D PU015440S (Wellington)	Group Ref <i>(If applicable)</i>	Troya / Self Cleaning
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PRODUCT DESCRIPTION

Upper Material ⁽¹⁾	PU (Khaki/Dark Green, Black, Red, Orange, Yellow, Navy Blue or White)					
Upper Material ⁽²⁾	N/A					
Upper Material ⁽³⁾	N/A					
Tongue Material	N/A					
Collar Material	N/A					
Vamp Lining	N/A					
Tongue Lining	N/A					
Quarter Lining	N/A					
Counter Lining	N/A					
Stocking	PU Coated Polyester Fabric					
Insole Board <i>(If applicable)</i>	N/A					
Perforation Resistance	N/A	Insert Reference		N/A		
Toecap Protection	N/A	Toecap Reference		ISCO 701		
Last Reference	N/A					
Sole Reference	Self-Cleaning					
Soling Construction	Entirely Moulded					
Soling Material	PU/PU					
Soling Colour Variants	Black or Navy-Blue PU Sole					
Insock/Footbed	Full Length Textile Coated PU Footbed					
Size Range	UK	3-14	EU	36-49	Other <i>(Specify)</i>	
Fixtures:	N/A					
Scuff Cap <i>(If applicable)</i>	N/A					
Heel Cap <i>(If applicable)</i>	N/A					

PRODUCT IMAGE



SOLE DESIGN



Footbed



CORRESPONDING TOECAP SIZES (if applicable)

Footwear Size	3/36	4/37	5/38	6/39	6.5/40	7/41	8/42	9/43	10/44	10.5/45	11/46	12/47	13/48	14/49
Toecap Size	6	6	7	7	7	8	8	9	9	10	10	10	11	11

CORRESPONDING PERFORATION INSERT SIZES (if applicable, metallic perforation only)

Footwear Size	3/36	4/37	5/38	6/39	6.5/40	7/41	8/42	9/43	10/44	10.5/45	11/46	12/47	13/48	14/49
Perforation Size	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

STANDARD/CLASSIFICATION								
<input checked="" type="checkbox"/>	EN ISO 20345:2022+A1:2024 <i>Safety Footwear</i>		<input type="checkbox"/>	EN ISO 20346:2022+A1:2024 <i>Protective Footwear</i>		<input type="checkbox"/>	EN ISO 20347:2022+A1:2024 <i>Occupational Footwear</i>	
	S5 (Metal Insert, Type P)			Choose an item.			Choose an item.	

Style Reference	Techno Boots S5 SR CI FO Design C PU0155405S (Rigger) Techno Boots S5 SR CI FO Design D PU015540S (Wellington)	Group Ref <i>(If applicable)</i>	Troya / Self Cleaning
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PRODUCT DESCRIPTION						
Upper Material ⁽¹⁾	PU (Khaki/Dark Green, Black, Red, Orange, Yellow, Navy Blue or White)					
Upper Material ⁽²⁾	N/A					
Upper Material ⁽³⁾	N/A					
Tongue Material	N/A					
Collar Material	N/A					
Vamp Lining	N/A					
Tongue Lining	N/A					
Quarter Lining	N/A					
Counter Lining	N/A					
Stocking	PU Coated Polyester Fabric					
Insole Board <i>(If applicable)</i>	N/A					
Perforation Resistance	Metallic	<i>Insert Reference</i>		ISCO 1631		
Toecap Protection	Metallic	<i>Toecap Reference</i>		ISCO 701		
Last Reference	N/A					
Sole Reference	Self-Cleaning					
Soling Construction	Entirely Moulded					
Soling Material	PU/PU					
Soling Colour Variants	Black or Navy-Blue PU Sole					
Insock/Footbed	Full Length Textile Coated PU Footbed					
Size Range	UK	3-14	EU	36-49	Other <i>(Specify)</i>	
Fixtures:	N/A					
Scuff Cap <i>(If applicable)</i>	N/A					
Heel Cap <i>(If applicable)</i>	N/A					

PRODUCT IMAGE



SOLE DESIGN



Footbed



CORRESPONDING TOECAP SIZES (if applicable)

Footwear Size	3/36	4/37	5/38	6/39	6.5/40	7/41	8/42	9/43	10/44	10.5/45	11/46	12/47	13/48	14/49
Toecap Size	6	6	7	7	7	8	8	9	9	10	10	10	11	11

CORRESPONDING PERFORATION INSERT SIZES (if applicable, metallic perforation only)

Footwear Size	3/36	4/37	5/38	6/39	6.5/40	7/41	8/42	9/43	10/44	10.5/45	11/46	12/47	13/48	14/49
Perforation Size	6	6	7	7	7	8	8	9	9	10	10	10	11	11

Physical Test Results

List all test report numbers where the related test results can be seen and submit copies of each report.

MANDATORY PROPERTIES				
Requirements		Clause	Class II	Test Report No.
Design	Height of upper	5.2.2	X	Karadeniz Teknik 2309081 (O4, S4, S5)
	Heel area (design A)	5.2.3	O	N/A
	Heel area (design B, C, D, E)	5.2.3	X	SGS TR2519575 (O4, S4, S5)
Whole Footwear	General (Toecap shall not be removable)	5.3.2.1	X	Karadeniz Teknik 2309083-R2 (S4, S5)
	Finishing EN22568-1 / EN22568-2 Clause 4.2		X	CTCP BA - 3903/2022 (S4, S5)
	Impact EN22568-1 / EN22568-2 Clause 4.4		X	CTCP BA - 3903/2022 (S4, S5)
	Compression EN22568-1 / EN22568-2 Clause 4.5		X	CTCP BA - 3903/2022 (S4, S5)
	Internal length	5.3.2.2	X	CTCP BA - 3903/2022 (S4, S5)
	Width of toecap flange	5.3.2.3	X	CTCP BA - 3903/2022 (S4, S5)
	Corrosion resistance (metal cap only) (Whole Shoe – 20344 Clause 5.6.2.1 method)	5.3.2.4.2	X	Karadeniz Teknik 2408035 (S4, S5)
	Behaviour of toecaps (non-metal cap only) (Thermal & Chemical)	5.3.2.5	X	N/A
	Impact resistance (Whole Shoe)	5.3.2.6	X	Karadeniz Teknik 2407049 (S5) Karadeniz Teknik 2408024 (S4)
	Compression resistance (Whole Shoe)	5.3.2.7	X	Karadeniz Teknik 2407049 (S5) Karadeniz Teknik 2407050 (S4)
	Leak proofness (excluding Design A)	5.3.3	X	Karadeniz Teknik 2407014 (O4, S4, S5)
	Specific ergonomic features	5.3.4	X	Karadeniz Teknik 2407014 (O4, S4) Karadeniz Teknik 2407013 (S5)
	Slip Resistance ceramic tile floor with NaLS (mandatory not marked with symbol)	5.3.5.2	X	Karadeniz Teknik 2407014 (O4, S4) Karadeniz Teknik 2407013 (S5)
Upper	Thickness	5.4.2	X	SGS TR2519575 (O4, S4, S5)
	Tear strength (only applicable to leather or textile upper materials if present)	5.4.3	X	N/A
	Tensile properties	5.4.4	X	Karadeniz Teknik 2309081 (O4, S4, S5)
	Flexing resistance	5.4.5	X	Karadeniz Teknik 2309081 (O4, S4, S5)
	Resistance to hydrolysis	5.4.7	X	Karadeniz Teknik 2309081 (O4, S4, S5)
Lining (Vamp)	Tear strength	5.5.2	O	Karadeniz Teknik 2311038 (O4, S4, S5)
	Abrasion resistance	5.5.3	O	Karadeniz Teknik 2309085-R2 (O4, S4, S5)
Lining (Quarter)	Tear strength	5.5.2	O	Karadeniz Teknik 2311038 (O4, S4, S5)
	Abrasion resistance	5.5.3	O	Karadeniz Teknik 2309085-R2 (O4, S4, S5)
Insole Footbed	Thickness	5.7.1	Table 3	TASEV 2400001911-REV01 (O4, S4, S5)
	Water Permeability Water Absorption & Desorption	5.7.2 5.7.3		Karadeniz Teknik 2408042-R1 (O4, S4, S5)
	Abrasion Resistance	5.7.4		Karadeniz Teknik 2311017 (O4, S4, S5)

Outsole	Thickness of cleated outsole	5.8.2.1	X	SGS TR2519575 (O4, S4, S5)
	Cleated Area	5.8.2.2	X	SGS TR2519575 (O4, S4, S5)
	Cleat Height	5.8.2.3	X	SGS TR2519575 (O4, S4, S5)
	Tear strength	5.8.3	X	Karadeniz Teknik 2309080-R3 (O4, S4, S5)
	Abrasion resistance	5.8.4	X	Karadeniz Teknik 2309080-R3 (O4, S4, S5)
	Flexing resistance	5.8.5	X	Karadeniz Teknik 2407014 (O4, S4) Karadeniz Teknik 2407013 (S5)
	Resistance to Hydrolysis	5.8.6	X	Karadeniz Teknik 2309080-R3 (O4, S4, S5)
	Interlayer bond strength	5.8.7	O	N/A

Requirements Key

X = Requirements shall be met for all materials within classification

O = If component exists requirements shall be met

OPTIONAL PROPERTIES					
Requirements			Clause	Class II	Test Report No.
Perforation Resistance	Perforation Metal (P) <i>(Whole Shoe)</i>		6.2.1.1.2	X	Karadeniz Teknik 2408027 (S5)
	Perforation Non-metal (PL) <i>(Whole Shoe)</i>		6.2.1.1.3	X	N/A
	Perforation Non-metal (PS) <i>(Whole Shoe)</i>		6.2.1.1.4	X	N/A
	Construction – Metal and Non-metal <i>(Whole Shoe)</i>		6.2.1.2	X	Karadeniz Teknik 2408027 (S5)
	Dimensions – Metal and Non-metal <i>(Whole Shoe)</i>		6.2.1.3	X	Karadeniz Teknik 2408027 (S5) Size 36/42 Karadeniz Teknik 2408086 (S5) Size 48
	Flex Resistance of - Metal and Non-metal <i>(Insert)</i>		6.2.1.4.1	X	Ricotest 4253710/EB (S5)
	Corrosion resistance of Metal only <i>(Whole Shoe) 20344 Clause 5.6.2.1</i>		6.2.1.4.2.2	X	Ricotest 4253710/EB (S5)
	Ageing of Non-metal <i>(Insert) EN22568</i>		6.2.1.4.3	X	N/A
Whole Footwear	Electrical Property:	Partially conductive footwear (C)	6.2.2.1	X	N/A
		Antistatic footwear (A)	6.2.2.2	X	Karadeniz Teknik 2407014 (O4, S4) Karadeniz Teknik 2407013 (S5)
	Heat insulation of outsole complex (HI)		6.2.3.1	X	N/A
	Cold insulation of outsole complex (CI)		6.2.3.2	X	Karadeniz Teknik 2407014 (O4, S4) Karadeniz Teknik 2407013 (S5)
	Energy absorption of seat region (E)		6.2.4	X	Karadeniz Teknik 2407014 (O4, S4) Karadeniz Teknik 2407013 (S5)
	Metatarsal protection (M)		6.2.6	X	N/A
	Ankle protection (AN)		6.2.7	X	N/A
	Cut resistance (CR)		6.2.8	X	N/A
	Slip resistance ceramic tile floor with glycerine (SR)		6.2.10	X	Karadeniz Teknik 2407014 (O4, S4) Karadeniz Teknik 2407013 (S5)
Outsole	Resistance to hot contact (HRO)		6.4.1	X	N/A
	Resistance to fuel oil (FO)		6.4.2	X	Karadeniz Teknik 2309080-R3 (O4, S4, S5)
	Ladder Grip (LG)		6.4.3	X	N/A

Requirements Key

X = Requirements shall be met if claimed

SECTION 5 – MASTER MATERIAL LIST & CHEMICAL TEST REPORTS**UPPER/SOLE**

Material Name	Material Composition	Supplier Reference	Supplier Name	Supplier Address	Test House	Test Report Number	Test Conducted
PU (Khaki/Dark Green, Black, Red, Orange, Yellow, Navy Blue or White)	Polyol and Isocyanate	Polyol 270/30-51-61 Iso 187/82-72-79	BASF Türk Kimya San. ve Tic. Ltd. Şti.	Beylikbağı Mah. 341 Sok. No:1, Gebze/Kocaeli-Türkiye	AzoLab	2300031649 2400006009	Phthalates, PAH

STOCKING

Material Name	Material Composition	Supplier Reference	Supplier Name	Supplier Address	Test House	Test Report Number	Test Conducted
Stocking	PU Coated Polyester Fabric	Yakuza PE TRA0012047/3	Vinteks Sanayi ve Tic. Ltd. Şti.	Velimeşe Cad. 224 SOK, NO : 9/1, 59930 Ergene/Tekirdağ	AzoLab	2300031649	Azo Dyes, Phthalates, PAH

INSOLE BOARD / TOE CAP / PERFORATION RESISTANCE

Material Name	Material Composition	Supplier Reference	Supplier Name	Supplier Address	Test House	Test Report Number	Test Conducted
Metallic Toe Caps	Metal	Isco 701	Isco Çelik Ayakkabı Tekstil Mam. San. ve Tic. Ltd. Şti.	Aydinli Sb. Mah. 6. Sok. No:6/1B01, Istanbul, Turkey	N/A	N/A	N/A
Metallic Perforation Resistance	Metal	Isco 1631	Isco Çelik Ayakkabı Tekstil Mam. San. ve Tic. Ltd. Şti.	Aydinli Sb. Mah. 6. Sok. No:6/1B01, Istanbul, Turkey	N/A	N/A	N/A

FOOTBED / SEAT SOCK

Material Name	Material Composition	Supplier Reference	Supplier Name	Supplier Address	Test House	Test Report Number	Test Conducted
Footbed	PU	Full Length PU Footbed	Algül Poliüretan İç Taban A.Ş.	Kavaklı Mah. Deniz Aktaş Cd. Acar Sok. No:17 Beylikdüzü/Istanbul-Türkiye	AzoLab	2300031649	pH, Azo Dyes Phthalates, PAH

ACCESSORIES / FIXTURES / LACES / SEWING THREADS

Material Name	Material Composition	Supplier Reference	Supplier Name	Supplier Address	Test House	Test Report Number	Test Conducted
Pull Tabs	Polyester	Black Polyester Textile	Meram Dar Dokuma Sanayi ve Ticaret Ltd.Şti.	Anadolu Mah.Yıldırım Beyazıt Cd.No.134 Arnavuköy/Istanbul-Türkiye	AzoLab	2300042356	Azo Dyes
Binding	Polyester	Grey Polyester Textile	Meram Dar Dokuma Sanayi ve Ticaret Ltd.Şti.	Anadolu Mah.Yıldırım Beyazıt Cd.No.134 Arnavutköy/Istanbul-Türkiye	AzoLab	2300042356	Azo Dyes

SECTION 6 – COMPLIANCE WITH ANNEX II

In the right-hand column against each "EHSR Note" cross out the clauses of the standard that are not applicable to this product.

Clause	EHSR Note	Clauses
1.1	Design principles	
1.1.1	Ergonomic	5.3.4 Specific Ergonomic Features
1.1.2.1	Optimum level of protection	5.3.4 Specific Ergonomic Features
1.2	Innocuousness of PPE (pH and Chrome VI of leather plus AZO Dyes, PCP testing, nickel testing and PAH's)	
1.2.1	Absence of risk and other inherent nuisance factors	5.3.4 Specific Ergonomic Features
1.2.1.1	Suitable constituent materials	5.3.6 Innocuousness
1.2.1.2	Satisfactory surface condition of all PPE parts in contact with the user	5.3.4 Specific Ergonomic Features
1.2.1.3	Maximum User impediment	5.3.4 Specific Ergonomic Features
1.3	Comfort and efficiency	
1.3.1	Adaptation of PPE to user morphology	5.3.4 Specific Ergonomic Features
1.3.2	Lightness and design strength	5.3.1.2 Upper/outsole bond strength 5.4.4 Upper tensile properties 5.4.5 Upper Flexing resistance 5.5.2 Lining tear strength 5.8.3 Outsole tear strength 5.8.4 Outsole abrasion resistance 5.8.6 Outsole resistance to hydrolysis 6.2.7 Ankle protection (AN) 6.2.8 Cut resistance (CR)
1.4	Information supplied by the manufacturer	8 Manufacturer's instructions and information
2.1	PPE incorporating adjustment systems	
2.2	<i>PPE enclosing the parts of the body to be protected</i>	5.5.4 Lining water vapour permeability and coefficient 5.7.3 Insole, Insock, footbed water absorption and desorption
2.4	<i>PPE Subject to ageing month and year of manufacture</i>	7 Marking 8 Manufacturer's instructions and information
2.6	PPE for use in explosive atmospheres – Antistatic and Conductive Footwear Only [marking codes A and C]	6.2.2.1 Partially conductive footwear (C) 6.2.2.2 Antistatic footwear (A)
2.12	PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety.	6.1 Additional Requirements - Table 16 7 Marking
2.14	Multi-risk PPE	5.3.5 Slip resistance (SR) 6.2.1 Perforation resistance (P), (PL) , (PS) (as applicable) 6.2.2 Electrical properties (C) , (A) 6.2.3 Resistance to inimical environments (HI) , (CI) 6.2.4 Energy absorption of seat region (E) 6.2.5 Water resistance (WR) 6.2.6 Metatarsal protection (M) 6.2.7 Ankle protection (AN) 6.2.8 Cut resistance (CR) 6.2.10 Slip resistance (SR) 6.4.1 Resistance to hot contact (HRO) 6.4.2 Resistance to fuel oil (FO)
3.1	Protection against mechanical impact	
3.1.1	Impact caused by falling or projecting objects and collision of parts of the body with an obstacle	5.3.2.6 Impact resistance (as applicable) 6.2.6 Metatarsal protection (M) 6.2.7 Ankle protection (AN)
3.1.2.1	Prevention of falls due to slipping –	5.3.5 Slip resistance (SR) 5.8.2 Design 6.4.3 Ladder Grip (LG) 6.2.10 Slip resistance (SR)
3.2	Protection against (static) compression of part of the body (Toe Protection Marking Codes S_ and P_ only)	5.3.2.7 Compression resistance (as applicable) 6.2.4 Energy absorption of seat region (E)
3.3	Protection against mechanical injury (abrasion, perforation cuts, bites) – Cut resistant footwear [code CR] [P]	5.5.2 Lining tear strength 5.8.3 Outsole tear strength 6.2.1 Perforation resistance (P), (PL) , (PS) (as applicable) 6.2.8 Cut resistance (CR) 6.2.9 Scuff cap abrasion (SC)
3.6	Protection against heat and/or fire – Marking codes HRO, HI	6.2.3.1 Heat Insulation of Sole Complex (HI) 6.4.1 Resistance to hot contact (HRO)
3.7	Protection against cold – Marking code CI only	6.2.3.2 Cold Insulation of Sole Complex (CI)

SECTION 7 –USER INFORMATION

CMF Ayakkabıcılık San. ve Tic. Ltd. Sti.,

Cedit Ali Paşa Mah.i Seymen Yolu Cad. 1.km No: 9/1, 59740 Marmaraeğlisi, Tekirdağ, Turkey

This footwear is an item of Personal Protective Equipment (PPE) and conforms to the technical specification “EN ISO 20345:2022+A1:2024 Safety footwear or EN ISO 20347:2022+A1:2024 Occupational footwear” which has been deemed to satisfy the Basic Health and Safety requirements of the European Personal Protective Equipment (PPE) Regulation (EU) 2016/425 and Regulation 2016/425 on personal protective equipment, as amended to apply in GB.

EU type examination has been conducted and certification issued by SATRA Technology Europe Ltd, Bracetown Business Park Clonee, D15 YN2P, Ireland (**Notified body 2777**).

The EU Declaration of Conformity for this product can be found at: www.techno-boots.com/aboutus/declarations

WARNINGS

1. No item of PPE can provide full protection and care must always be taken while carrying out the risk-related activities
2. The footwear must not be worn without hose.
3. This PPE has only been tested in accordance with the **EN ISO 20345:2022+A1:2024 or EN ISO 20347:2022+A1:2024** categories of protection identified by the product marking and explained in this leaflet. For information regarding protection in other situations, please contact the manufacturer.
4. Select footwear which are resistant to the hazards you may be exposed to

CAREFULLY READ THESE INSTRUCTIONS BEFORE USING THIS PRODUCT

Thank you for choosing safety & comfort with Techno Boots. Manufactured with the latest technology and finest polyurethane materials. Techno polyurethane boots provide excellent durability and usage. Having a variety of options for different purposes, polyurethane boots offer top safety with different kinds and protection combinations. Techno boots are available as Safety Footwear or Occupational Footwear in different colour variations for various industries.

Areas of Use: Oil Refineries, Petrochemistry Facilities, Gas Stations, Food and Health Industry, Agriculture and Livestock Facilities, Farms, Forestry, Hunting, Water and Sewage Works, Sanitation, Parks, Gardens, Milk Processing Plants, Poultry and Fisheries, Production Plants, Slaughterhouses, Mines, Metal and Steel Industry, Construction, Concrete, Cement and Lime Industry, Marine Industry and Warehousing.

The Advantages of Polyurethane (PU) Boots

- Lighter than PVC or rubber boots.
- Soft, durable, flexible, and comfortable during wear
- Fuel Oil resistant
- Tear and abrasion resistant

Performance and Limitations of Use - These products have been tested in accordance with EN ISO 20345:2022+A1:2024 or EN ISO 20347:2022+A1:2024 for the types of protection defined on the product by the marking codes explained below. However, always ensure that the footwear is suitable for the intended end use. The footwear shall not be modified, except for orthopaedic adaptations according to Annex A of EN ISO 20345:2022+A1:2024 or Annex A of EN ISO 20347:2022+A1:2024.

Fitting and Sizing - Only wear footwear of a suitable size. Products which are either too loose or too tight will restrict movement and will not provide the optimum level of protection. The size of these products is marked on them.

Compatibility - To optimise protection, in some instances it may be necessary to use this footwear with additional PPE such as protective trousers or over gaiters. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application.

Storage and Transport – When not in use, store the footwear in a well-ventilated area away from extremes of temperature away from direct sunlight. Never store the footwear underneath heavy items or in contact with sharp objects. If the footwear is wet, allow it to dry slowly and naturally away from direct heat sources before placing it into storage. Use suitable protective packaging to transport the footwear, e.g., the original container.

Shelf & Wear Life - Keep your products in their original packaging whilst storing. Your boots have a shelf life of 2 years (without use), if properly stored in a cool and dry environment away from moisture, heat sources and/or sunlight. The exact useful life of the product will greatly depend on how and where it is worn and cared for. It is therefore very important that you carefully examine the footwear before use and replace as soon as it appears to be unfit for wear. Attention should be paid to the condition of the upper and wear of the outsole tread pattern.

Repair – If the footwear becomes damaged, it will NOT provide the optimum level of protection, and therefore should be replaced as soon as is practicable. Never knowingly wear damaged footwear while carrying out a risk related activity. If in doubt about the level of damage consult your supplier before using the footwear. Do not attempt to modify or repair your footwear.

Cleaning – Do not machine wash your footwear. Never use solvent or chlorine bleach or cleaning agents that contain chlorine bleach. These substances rapidly break down the materials and reduce the level of protection offered. The footwear should only be wiped clean with a damp cloth. Footwear that are no longer deemed serviceable for reasons of damage, contamination, or other unsafe condition must be disposed of in a fashion whereby the footwear cannot be reused and in accordance with your local regulations.

Non-Metallic Caps – Footwear fitted with non-metallic caps. Owing to the nature of the cap damage occurred during an impact or compression type accident may not be readily apparent. You should therefore replace and dispose of your footwear if the toe region has been severely impacted or compressed even if it appears to be undamaged.

Slip Resistance – In any situation involving slip, the floor surface itself and other (non- footwear) factors will have an important bearing on the performance of the footwear. It will therefore be impossible to make footwear resistant to slip under all conditions which may be encountered in wear.

Marking Code		Floor conditions	Test conditions	Coefficient of Friction (CoF)
Ø	This marking code is used when footwear is <u>not tested</u> . Only applicable for footwear designed for special purposes containing spikes, metal studs or similar, and for use for very special work places.	Not Tested	Not Tested	Not Tested
-	If no marking code on product only mandatory basic slip resistance is tested	Ceramic tile floor with sodium lauryl sulphate (NaLS)	Forward heel slip	≥0,31
			Backward forepart slip	≥0,36
SR	This marking code is used when <u>additional</u> slip resistance is tested to that of the mandatory basic slip resistance.	Ceramic tile floor with glycerine	Forward heel slip	≥0,19
			Backward forepart slip	≥0,22

Slip Resistance refers to the coefficient of friction (CoF) between the footwear and the floor. The slip resistance of this footwear has been tested in laboratory conditions. Additional testing by the user at working place conditions may provide additional information. Footwear field trials are recommended to assess suitability in the workplace.

The **mandatory** slip resistance test conditions for product testing, the heel and forepart test modes using a “**ceramic tile**” wetted with **dilute soap solution (SLS)**, and performance requirements are specified. For this test no special marking is applied. This test represents a generic test for assessing performance on water-based contaminants. If the intended conditions of use only involve wet paved surfaces; this can be adequate.

To supplement this, there is an **option** to additionally test in the heel and forepart test modes using a “**ceramic tile**” with lubricant “**Glycerol**” and performance requirements are specified. If this test is performed and the product meet the performance requirements, then the label “**SR**” may be added to the marking of the footwear. The “**SR**” test is intended as a generic test for assessing performance on more viscous contaminants such as oil. It should be noted that this test condition is particularly demanding and results in this test tend to be inherently low. It is always better to use protective equipment that has been shown to perform well under test conditions that are as similar as possible to the conditions of use.

It should also be noted that neither the mandatory nor the “SR” test conditions mimic outdoor environments when walking on heavy or loose ground. Under these condition small cleats or narrow footwear tread patterns can become clogged with contamination such as mud or gravel thus leading to a significant reduction in slip resistance. Once again, additional testing and trials can be more informative than the standard slip resistance test results.

Special-purpose footwear containing spikes, metal studs or similar, designed to enhance performance on soft ground (sand, sludge, forestry timber, etc.) should be marked with “Ø”. The symbol “Ø” indicates that the footwear has not been tested for slip resistance.

No footwear can ever provide complete safety under particularly demanding conditions such as spillages of cooking or mineral oil. Under such conditions, slip-resistance footwear can only reduce the risk. Often the only solution in such circumstances is to either prevent contamination in the first place or promptly clean-up the spill.

The standard details specific combinations of floor surface and liquid contaminant (lubricant) to be used for testing. However, it is clearly impossible for any limited set of test conditions to successfully model the wide range of walking surfaces encountered in real-life. Slip resistance is highly dependent on the test conditions, and the combination of surface and contaminant. It would therefore be prudent to test footwear, as far as is practicable, against real-life surfaces and other challenges.

Caution should be applied when testing or using footwear on profiled floors. Such combinations may give the impression of providing slip resistance through friction; in many cases this impression could be misleading. Specific tread patterns may interlock with profiled floors. This interaction can change quickly with even a small amount of wear.

Slip resistance properties are generally only measured on new footwear. Slip-resistance is likely to change with wear. Monitoring can include periodic inspection of footwear, field-trials involving used footwear, and recording of slip-related incidents.

Footwear performance can be impaired by the following factors; clogging of cleats, soiling, degradation due to exposure to certain environmental contaminants wear, damage, exceeding the obsolescence date and so forth. It is recommended that footwear is cleaned, maintained, inspected, and replaced as necessary to ensure optimum performance. Please check the product label for the level of protection offered by each style of footwear.

Perforation Resistance - The perforation resistance of this footwear has been measured in the laboratory using standardized nails and forces. Nails of smaller diameter and higher static or dynamic loads will increase the risk of perforation occurring. In such circumstances, additional preventative measures should be considered. Three generic types of perforation resistant inserts are currently available in PPE footwear. These are metal types and those from non-metal materials, which shall be chosen on basis of a job-related risk assessment. All types give protection against perforation risks, but each has different additional advantages or disadvantages including the following:

Perforation resistance	Symbol	Requirement
Metallic perforation-resistant inserts	P	Lowest value ≥ 1100 N (tested with 4.5mm nail)
Non-metallic perforation-resistant inserts (large nail)	PL	Lowest value ≥ 1100 N (tested with 4.5mm nail)
Non-metallic perforation-resistant inserts (small nail)	PS	Average value of 4 tests ≥ 1100 N, no single value ≥ 950 N (tested with 3.0mm nail)

Metal (e.g., S1P, S3, S5, S7, O1P, O3, O5, O7): Is less affected by the shape of the sharp object/ hazard (i.e., diameter, geometry, sharpness) but due to shoemaking techniques does not cover the entire lower area of the foot.

Non-metal (PS or PL or category e.g., S1PS, S3S, S3L, S5S, S5L, S7S, S7L, O1PS, O3S, O3L, O5S, S5L, S7S, S7L): May be lighter, more flexible and provide greater coverage area when compared with metal but the perforation resistance may vary more depending on the shape of the sharp object / hazard (i.e., diameter, geometry, sharpness). Two types in terms of the protection afforded are available. Type PS may offer more appropriate protection from smaller diameter object than type PL.

For more information about the type of penetration resistant insert provided in your footwear please contact the manufacturer or supplier detailed on these instructions.

Insocks/Footbeds

All testing carried out with insock/footbed in place. The footwear shall only be used with the footbed in place and that the footbed shall only be replaced by a comparable footbed supplied by the original footwear manufacturer or supplied by an insocks/footbed manufacturer which will supply insocks/footbed that fulfil the properties of this standard in combination with the foreseen safety footwear. If your insock/footbed is worn out and requires a replacement please contact your dealer.

Assessment of Footwear Prior to Use - At regular intervals safety footwear should be assessed by inspection before each wearing. The obsolescence date should not be exceeded, if applicable.

The footwear durability depends on the duration and intensity of use, storage, cleaning, and maintenance. The following list can be provided to assist the wearer in assessing the performance of safety footwear.

Safety footwear should be replaced when any of the signs of wear identified below are found. Some of these criteria can vary according to the type of footwear and materials used:

- Beginning of pronounced and deep cracking affecting half of the upper material thickness
- Strong abrasion of the upper material, especially if the toe puff or the toecap is revealed
- The upper shows areas with deformations or split seams in the leg
- The outsole shows cracks higher than 10 mm long and 3 mm deep
- Upper/outsole separation of more than 15 mm long and 5 mm deep
- Cleat height for cleated outsoles at any point lower than 1,5 mm
- Original insock/s (if any) showing pronounced deformation and crushing
- Destruction of the lining or sharp borders of the toe protection which could cause wounds
- Delamination of the soling materials
- Closing mechanism and if they are not in working order (zip, laces, eyelets, touch, and close system).
- Pronounced deformation of the outsole due to heat exposure any of the following causes
 - joining of 2 or more cleats due to the material melting;
 - decrease of the height of any cleat to less than 1,5 mm;
 - melting of the outside of the cleat and the midsole becomes visible

Marking Example:

Techno Boots	Manufacturer Identification
Troya, Jobmaster etc.	Product Group Identification
CE	Compliance with Regulation (EU) 2016/425
EN ISO 20347:2022+A1:2024	European Norm/Standard
O4 SR CI FO	Category of protection offered including additional properties
www.techno-boots.com	Website Address
-	Address of Manufacturer
-	Style Code (see Individual Box End Label)
	Date of Manufacturing Stamp (see Bottom of Sole)
8/42	Size UK/European (see Bottom of Sole)

TECHNO®
TROYA SELF-CLEANING BOOTS
 CE EN ISO 20347:2022+A1:2024 O4 SR CI FO
 www.techno-boots.com
 Cedit Ali Paşa Mah. Seymen Yolu Cad. No:9/1
 Marmaraeğlisi - Tekirdağ TURKEY

Marking Codes Explained

EN ISO 20345:2022+A1:2024	
Class I (Footwear made from leather and other materials, excluding all-rubber or all-polymeric footwear)	
SB	Safety Basic + 200 J impact protection + 15 kN compression force + Basic slip resistance (Ceramic with NaLS)+ any of the optional categories if claimed
S1	SB + Closed heel area + E + A
S2	S1 + WPA
S3 (metal insert type P) S3L (non-metal insert type PL) S3S (non-metal insert type PS)	S2 + Perforation resistance according to type + Cleated outsole
S6	S2 + WR
S7 (metal insert type P) S7L (non-metal insert type PL) S7S (non-metal insert type PS)	S3 + WR
Class II (All-rubber or all-polymeric footwear)	
S4	SB + Closed heel area + E + A
S5 (metal insert type P) S5L (non-metal insert type PL) S5S (non-metal insert type PS)	S4 + Perforation resistance according to type + Cleated outsole

EN ISO 20347:2022+A1:2024	
Class I (Footwear made from leather and other materials, excluding all-rubber or all-polymeric footwear)	
OB	Occupational Basic (No Toe Protection) + Basic slip resistance (Ceramic with NaLS)+ any of the optional categories if claimed
O1	OB + Closed heel area + E + A
O2	O1 + WPA
O3 (metal insert type P) O3L (non-metal insert type PL) O3S (non-metal insert type PS)	O2 + Perforation resistance according to type + Cleated outsole
O6	O2 + WR
O7 (metal insert type P) O7L (non-metal insert type PL) O7S (non-metal insert type PS)	O3 + WR
Class II (All-rubber or all-polymeric footwear)	
O4	OB + Closed heel area + E + A
O5 (metal insert type P) O5L (non-metal insert type PL) O5S (non-metal insert type PS)	O4 + Perforation resistance according to type + Cleated outsole

OPTIONAL CATEGORIES OF PROTECTION				
Symbol	Requirement		Class I	Class II
P	(metal insert type P)	Perforation resistance (one of the three shall be chosen)	X	X
PL	(non-metal insert type PL)		X	X
PS	(non-metal insert type PS)		X	X
C	Partially conductive footwear (less than 0.1MΩ)	Electrical properties (one of the two shall be chosen)	X	X
A	Antistatic footwear (0.1MΩ to 1000MΩ)		X	X
HI	Heat insulation of outsole complex (30 min. at 150°C, . Δ increase on the insole/insock surface of max. 22°C)		X	X
CI	Cold insulation of outsole complex (30 min. at -17°C, Δ decrease on the insole/insock surface to be <10°C)		X	X
E	Energy absorption of the seat region (min 20J)		X	X
WR	Water Resistance (Class I products only)		X	-
M	Metatarsal protection of 100J impact energy (excluding EN ISO 20347)		X	X
AN	Ankle protection (Average value 10 kN and no single value shall exceed 15 kN)		X	X
CR	Cut resistance (cut resistance index to exceed 2.5)		X	X
SC	Scuff cap (Class I products only)		X	-
SR	Slip resistance (Ceramic tile floor with glycerine)		X	X
WPA	Water Penetration and absorption (Class I products only)		X	-
HRO	Heat Resistant Outsole (shall withstand 300°C for 60s)		X	X
FO	Resistance to fuel oil		X	X
LG	Ladder grip		X	X

(X) Applicable) (-) Not applicable

Antistatic Footwear

Antistatic footwear should be used if it is necessary to minimize electrostatic build-up by dissipating electrostatic charges, thus avoiding the risk of spark ignition of, for example, flammable substances and vapours, and if the risk of electric shock from mains voltage equipment cannot be completely eliminated from the workplace. Antistatic footwear introduces a resistance between the foot and ground but may not offer complete protection. Antistatic footwear is not suitable for work on live electrical installations. **It should be noted, however, that antistatic footwear cannot guarantee adequate protection against electric shock from a static discharge as it only introduces a resistance between foot and floor.** If the risk of static discharge electric shock, has not been completely eliminated, additional measures to avoid this risk are essential. Such measures, as well as the additional tests mentioned below, should be a routine part of the accident prevention programme at the workplace.

Antistatic footwear will not provide protection against electric shock from AC or DC voltages. If the risk of being exposed to any AC or DC voltage exists, then electrical insulating footwear shall be used to protect from against serious injury.

The electrical resistance of antistatic footwear can be changed significantly by flexing, contamination or moisture. This footwear might not perform its intended function if worn in wet conditions.

Class I footwear can absorb moisture and can become conductive if worn for prolonged periods in moist and wet conditions.

Class II footwear is resistant to moist and wet conditions and should be used is if the risk of exposure exists.

If the footwear is worn in conditions where the soling material becomes contaminated, wearers should always check the antistatic properties of the footwear before entering a hazard area.

Where antistatic footwear is in use, the resistance of the flooring should be such that it does not invalidate the protection provided by the footwear. It is recommended to use an antistatic socks.

It is, therefore, necessary to ensure, that the combination of the footwear its wearers and their environment is capable, to fulfil the designed function of dissipating electrostatic charges, and of giving some protection during its entire life. Thus, it is recommended, that the user establish an in-house test for electrical resistance, which is carried out at regular and frequent intervals.

SECTION 8 – PRODUCT MARKING

Marking on Lining

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TROYA SELF-CLEANING BOOTS

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Marking on Outsole

Size EU/UK



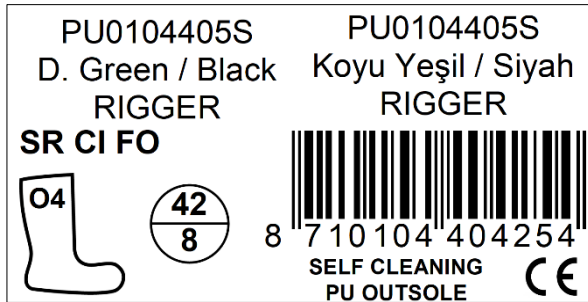
DoM

Marking on Outer Upper

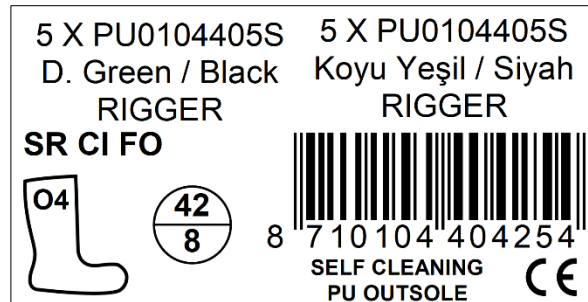


Marking on Box End Labels or the inner and outer cartons. These labels identify the type of product and soling properties.

O4 SR CI FO



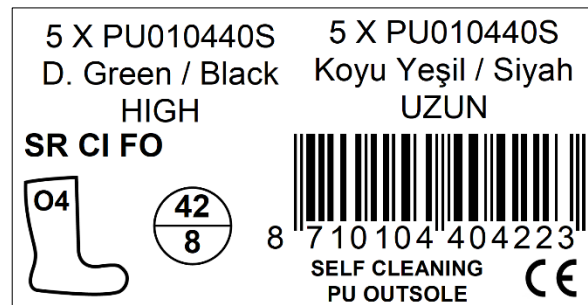
Individual Box Label Design C



Outer Carton Label Design C



Individual Box Label Design D

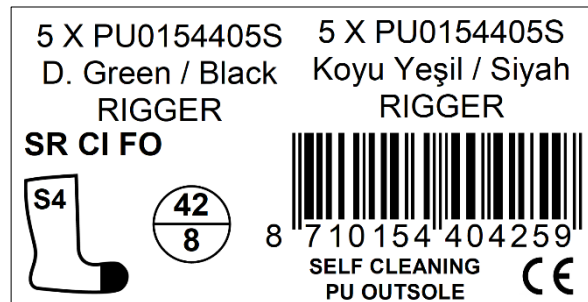


Outer Carton Label Design D

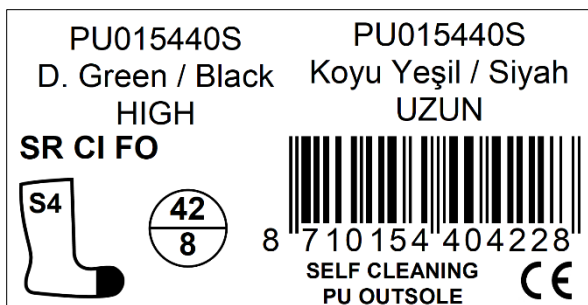
S4 SR CI FO



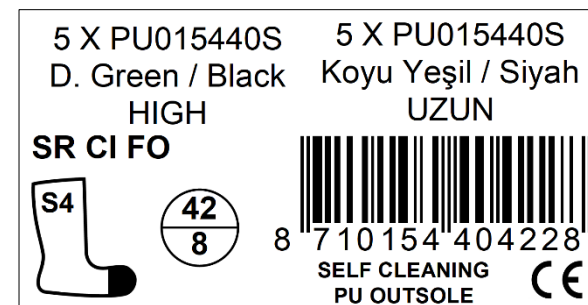
Individual Box Label Design C



Outer Carton Label Design C

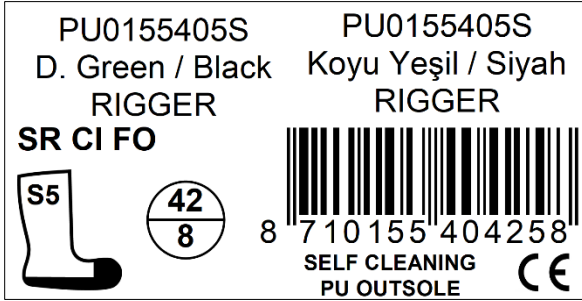


Individual Box Label Design D

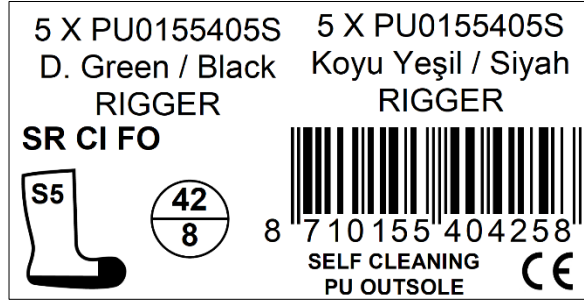


Outer Carton Label Design D

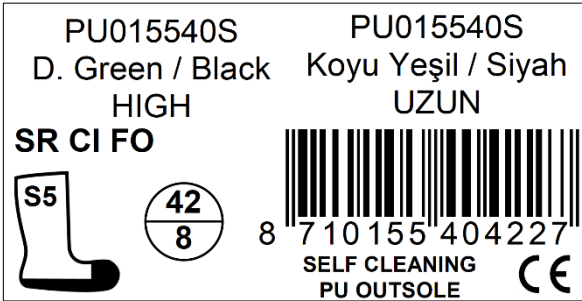
S5 SR CI FO



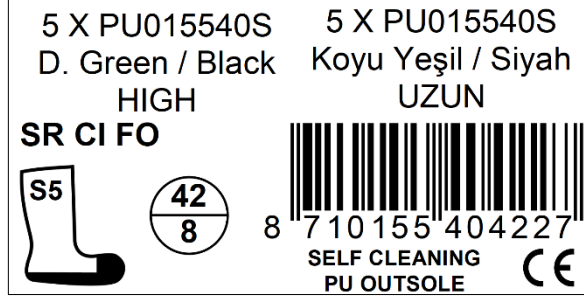
Individual Box Label Design C



Outer Carton Label Design C



Individual Box Label Design D



Outer Carton Label Design D

Coding System:

Product Number Design D: PU010440S

Product Number Design C: PU0104405S

- PU01: TROYA
- 55: S5
- 40: Colour number
- 5: Design C (Rigger)
- S: Self Cleaning

SECTION 9 – QUALITY CONTROL PROCEDURES

CERTIFICATE

CMF AYAKKABICILIK SAN. VE TİC. A.Ş.

CEDİT ALİ PAŞA MAH. SEYMEN YOLU CAD. PAKSAN BLOK NO:9 İÇ KAPI NO:1
MARMARAEREĞLİSİ / TEKİRDAĞ / TÜRKİYE

*Has been assessed and found to Comply with the Requirements of:
Denetlenmiş ve aşağıdaki standardın gerekliliklerine uygunluğu görülmüştür:*

ISO 9001:2015

*The Quality Management System is applicable to:
Kalite Yönetim Sistemi:*

DESIGN, MANUFACTURE AND SALES OF POLYURETHANE
SAFETY, NON-SAFETY BOOTS

POLİÜRETAN GÜVENLİKLİ, GÜVENLİKSİZ ÇİZME
TASARIMI, ÜRETİMİ VE SATIŞI

Certificate Number: QMS-0104598/01 Initial Certification Date: 16.05.2022
Belge Numarası: QMS-0104598/01 İlk Belgelendirme Tarihi: 16.05.2022

Certification Period: 3 Years Certificate Validity Date: 15.05.2025
Belgelendirme Periyodu: 3 Yıl Belge Geçerlilik Tarihi: 15.05.2025



IQR Sertifikasyon Onayı



ACCREDITED
Management Systems
Certification Body
MSCB-135

IQR ULUSLARARASI BELGELENDİRME HİZMETLERİ LTD.ŞTİ.
Beşevler Mah. Kocayunus Sk. No:3 Arslan Han Plaza K:2 Nilüfer / BURSA
Tel.: +90.224.266 00 16 Faks: +90.224.249 41 13 www.iqrcert.com e-posta: info@iqrcert.com

SECTION 10 – EU DECLARATION OF CONFORMITY

The Manufacturer

CMF Ayakkabıcılık San.ve Tic. A.Ş.
Cedit Ali Paşa Mahallesi Seymen Yolu Cad. 1.km No: 9/1 Marmaraereğlisi, TURKEY

Declares under his sole responsibility that the PPE;

TECHNO BOOTS TROYA SELF CLEANING O4 SR CI FO

Design C PU0104405S

Design D PU010440S

is in conformity with the European PPE Regulation (EU) 2016/425 and that they are in compliance with

EN ISO 20347:2022+A1:2024

and are identical to the PPE that has been subject to an EU Type examination certification (Module B)

EU Type- examination (Module B) issued by:
SATRA Technology Europe Ltd. (2777)
Bracetown Business Park, Clonee, Dublin, D15 YN2P, Ireland
Certificate Number: 2777/XXXXXXXX

Signed for and on behalf of **CMF Ayakkabıcılık San. Ve Tic. A.Ş.**

Burcu Tonoç
Quality Manager



SECTION 10 – EU DECLARATION OF CONFORMITY

The Manufacturer

CMF Ayakkabıcılık San.ve Tic. A.Ş.
Cedit Ali Paşa Mahallesi Seymen Yolu Cad. 1.km No: 9/1 Marmaraereğlisi, TURKEY

Declares under his sole responsibility that the PPE;

TECHNO BOOTS TROYA SELF CLEANING S4 SR CI FO

Design C PU0154405S

Design D PU015440S

is in conformity with the European PPE Regulation (EU) 2016/425 and that they are in compliance with

EN ISO 20345:2022+A1:2024

and are identical to the PPE that has been subject to an EU Type examination certification (Module B)

EU Type- examination (Module B) issued by:
SATRA Technology Europe Ltd. (2777)
Bracetown Business Park, Clonee, Dublin, D15 YN2P, Ireland
Certificate Number: 2777/XXXXXXXX

Signed for and on behalf of **CMF Ayakkabıcılık San. Ve Tic. A.Ş.**

Burcu Tonoç
Quality Manager



SECTION 10 – EU DECLARATION OF CONFORMITY

The Manufacturer

CMF Ayakkabıcılık San.ve Tic. A.Ş.
Cedit Ali Paşa Mahallesi Seymen Yolu Cad. 1.km No: 9/1 Marmaraereğlisi, TURKEY

Declares under his sole responsibility that the PPE;

TECHNO BOOTS TROYA SELF CLEANING S5 SR CI FO

Design C PU0155405S

Design D PU015540S

is in conformity with the European PPE Regulation (EU) 2016/425 and that they are in compliance with

EN ISO 20345:2022+A1:2024

and are identical to the PPE that has been subject to an EU Type examination certification (Module B)

EU Type- examination (Module B) issued by:
SATRA Technology Europe Ltd. (2777)
Bracetown Business Park, Clonee, Dublin, D15 YN2P, Ireland
Certificate Number: 2777/XXXXXXXX

Signed for and on behalf of **CMF Ayakkabıcılık San. Ve Tic. A.Ş.**

Burcu Tonoç
Quality Manager



INFORMATIVE ANNEX

The following is an extract from PPE Regulation (EU) 2016/425 Annex III which outlines the criteria of the Technical Documentation:

“The technical documentation shall specify the means used by the manufacturer to ensure the conformity of the PPE with the applicable essential health and safety requirements referred to in Article 5 of the above Regulation and set out in Annex II.

The technical documentation shall include at least the following elements:

- (a) a complete description of the PPE and of its intended use;
- (b) an assessment of the risks against which the PPE is intended to protect;
- (c) a list of the essential health and safety requirements that are applicable to the PPE;
- (d) design and manufacturing drawings and schemes of the PPE and of its components, sub-assemblies and circuits;
- (e) the descriptions and explanations necessary for the understanding of the drawings and schemes referred to in point (d) and of the operation of the PPE;
- (f) the references of the harmonised standards referred to in Article 14 that have been applied for the design and manufacture of the PPE. In the event of partial application of harmonised standards, the documentation shall specify the parts which have been applied;
- (g) where harmonised standards have not been applied or have been only partially applied, descriptions of the other technical specifications that have been applied in order to satisfy the applicable essential health and safety requirements;
- (h) the results of the design calculations, inspections and examinations carried out to verify the conformity of the PPE with the applicable essential health and safety requirements;
- (i) reports on the tests carried out to verify the conformity of the PPE with the applicable essential health and safety requirements and, where appropriate, to establish the relevant protection class;
- (j) a description of the means used by the manufacturer during the production of the PPE to ensure the conformity of the PPE produced with the design specifications;
- (k) a copy of the manufacturer's instructions and information set out in point 1.4 of Annex II;
- (l) for PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE on the basis of the approved basic model;
- (m) for PPE produced in series where each item is adapted to fit an individual user, a description of the measures to be taken by the manufacturer during the fitting and production process to ensure that each item of PPE complies with the approved type and with the applicable essential health and safety requirement”



LAB N° 1003 L

TEST REPORT

N. 4253710/EB

date: 17/10/2023

CLIENT: **Isco Çelik Ayakkabı Tekstil Mam. San. ve Tic. Ltd. Şti.**
Aydinli Sb. Mah. 6. Sok. No:6/1B01
İstanbul
Turkey

GR

FOR THE ATTENTION OF: Yiğit Cihanoğlu

SAMPLING: done by the Applicant

SAMPLES RECEIVED: 05/10/2023

TEST PERIOD: 10-17/10/2023

SAMPLES: Steel perforation resistant insert, art. "1631", black varnished in sizes 6, 8 and 11.

REQUEST: Laboratory tests for the determination of the characteristics in accordance with EN ISO 22568-3:2019.

OUTCOME: **PASS**

Notes:

All results refer exclusively to the tested materials as received.

Partial reproduction or publication not admitted without written authorization by RCT.

Positive results of a test report do not imply that the tested product is "certified" or "approved" by RCT.

Comments and interpretations are of subjective nature and not part of the Test Report.

Test carried out by qualified partner lab ISO 17025.

* Test not accredited by Accredia

Conformity assessment criterion: the result is considered compliant until the value falls within or coincides with the specification limit.

Unless otherwise indicated, the test conditions correspond to the reference standard.

M22 rev08 del 01/01/2023



LAB N° 1003 L

TEST REPORT

N. 4253710/EB

date: 17/10/2023

References	Tests	Measuring unit	Requirements	Results
EN ISO 22568-3:2019	Metallic perforation resistant inserts			Sizes 6, 8 and 11
4.2 (5.1.3)	Perforation resistance	N	≥ 1100	1361
4.3 (5.2.3)	Flexing resistance 1 000 000 cycles		no visible signs of cracking, disintegration or delamination	Right 6 Pass Left 11 Pass
4.1 (6.3.1)	Presence of holes in one insert	-	≤ 3	0
	Diameter of each hole	mm	≤ 3	0
	Holes	-	no holes are allowed in the area between 0,1 and 0,52 of the overall length of the insert, measured from its top	0
4.4 (5.3.2)	Corrosion resistance		no more than 3 areas of corrosion, none of which shall measure more than 2mm in any direction	Pass None areas of corrosion

- End of the Test Report -

**AZOLAB LABORATUVAR HİZMETLERİ A. Ş.**

Adnan Kahveci Mah. Çankaya Cad. Simay İş Merkezi No:

5-B Kat:1 No:34 Beylikdüzü/İSTANBUL

Tel: 0212 855 85 06(07) Fax: 0212 909 14 30

Web: www.azolab.com.tr E-mail: info@azolab.com.trTest
TS EN ISO/IEC 17025
AB-1110-T

AB-1110-T

2300031649

09-23

TEST REPORT**Overall Rating:****PASS**

Report Nr / Revision Nr :

Applicant :

Applicant Address :

Contact Person :

Contact Telephone :

Contact Fax :

Contact e-mail :

Sample Accepted on :

Test Resulted Date :

Date Release Report :

Total number of pages :

Sample ID :

2300031649

CMF AYAKKABICILIK SAN.VE TİC.A.Ş

SEYMEN YOLU CAD. CEDİT ALİ PAŞA MAHALLESİ NO:9/1 59740

MARMARAEREĞLİSİ / TEKİRDAĞ

Cem YILMAZ

quality@cmfboots.com

11.09.2023

14.09.2023

15.09.2023

10

BLACK 2 SHOES

Decision Rule :**Stated by the customer "3-Declaration of conformity is requested without MU consideration".****Disclaimer Statement :**

-

	TEST	METHOD	RESULT
*	DETERMINATION OF AZO DYES	ISO 14362-1:2017	P
*	DETERMINATION OF AZO DYES	ISO 17234-1:2020	X
*	PHthalATES	ISO 14389:2022	P
*	PHthalATES	ISO 16181-1:2021	P
*	DETERMINATION OF ORGANOTIN	ISO/TS 16179:2012	P
*	DETERMINATION OF FORMALDEHYDE	ISO 14184-1:2011	P
*	DETERMINATION OF CADMIUM (Cd)	EN 1122:2001	P
*	DETERMINATION OF APEO AND AP	ISO 18254-1:2016	P
*	DETERMINATION OF PAH's	AfPS GS:2019:01	P
*	DETERMINATION OF LEAD (Pb)	CPSC-CH- E1002.08:2012	P
*	DETERMINATION OF LEAD (Pb)	CPSC-CH- E1001.08:2012	X
*	DETERMINATION OF pH	ISO 3071:2020	P
*	POLYCHLORINATED PHENOLS	ISO 17070:2015	P

Seal

Senior Customer Representative

HAKAN TOPCU

15.09.2023

Laboratory Manager

ERAY ERTAŞ

15.09.2023


P: Pass F: Fail ND: Not Detected X:NA: Not Applicable LS: Lack of Sample NR: No Requirement SC: Still Continue I: Inconclusive

AZOLAB Laboratuvar Hizmetleri A.Ş., accredited by TÜRKAK under registration number AB-1110-T for TS EN ISO/IEC 17025:2017 as test laboratory"

Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports

Test results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test Request Form (PR03-F01) conveyed to us from the Applicant. Test results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of Azolab Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "" are in the Scope of our Accreditation Certificate issued from TÜRKAK according to TS EN ISO/IEC 17025.

Analysis as indicated with "" made external laboratory in the Scope of them Accreditation Certificate issued from TÜRKAK according to TS EN ISO/IEC 17025. Possible extra notes may add with starting N' to related pages. Tested and remaining samples will be kept in specified terms & conditions at test request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. k=2, 95% confidence interval. This report including, requested by applicant rule applied, this information at specify in the first page. In case the decision rule is applied, the applied test and uncertainty are given with the result table and marked.

PR22-F01/08.10.2015/Rev:11.04.2023-R10

Sayfa 1 / 10

AZOLAB LABORATUVAR HİZMETLERİ A. Ş.Adnan Kahveci Mah. Çankaya Cad. Simay İş Merkezi No: 5-B Kat:1 No:34
Beylikdüzü/İSTANBUL

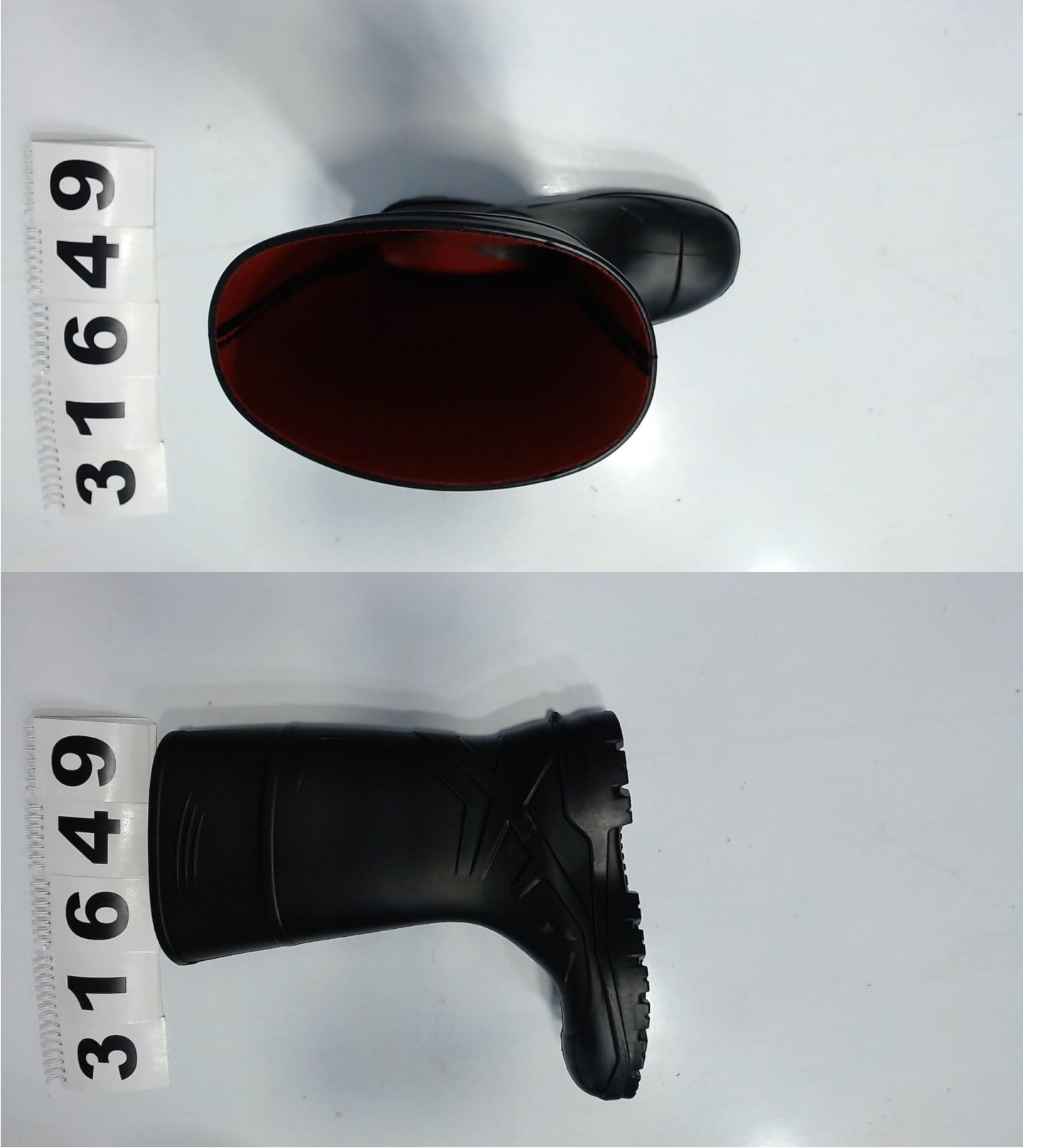
Tel: 0212 855 85 06(07) Fax: 0212 909 14 30

Web: www.azolab.com.tr E-mail: info@azolab.com.tr

AB-1110-T

2300031649

09-23

TEST REPORT**Photo of the sample received**



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Sample ID	Part No.	Part ID	Explanatory Information
A SHOES - - BLACK	Part 1	Coated textile red inner surface	
A	Part 2	Plastic PU upper	
A	Part 3	Plastic blue mostra bottom	
A	Part 4	Textile red mostra upper-Pes	

Summary of Results

Parts & Results															
Parts	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DETERMINATION OF AZO DYES	P	X	X	P											
PHthalATES	P	P	P	X											
DETERMINATION OF ORGANOTIN	P	P	P	P											
DETERMINATION OF FORMALDEHYDE	X	X	X	P											
DETERMINATION OF CADMIUM (Cd)	P	P	P	P											
DETERMINATION OF APEO AND AP	X	X	X	P											
DETERMINATION OF PAH's	P	P	P	X											
DETERMINATION OF LEAD (Pb)	X	P	P	P											
DETERMINATION OF pH	X	X	X	P											
POLYCHLORINATED PHENOLS	X	X	X	P											

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TEST REPORT**DETERMINATION OF AZO DYES**

ISO 14362-1:2017

Tested Parts	Results	Limit Value (ppm)	Evaluation
1+4	< 5	30	PASS

Cot :Contains Natural Fibers
 Pes :Contains Disperse Dyes
 Cot/Pes :Contains Disperse Dyes and Natural Fibers

Limit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 43

Reporting Limit : 5 ppm
 < : Less than
 ppm (part per million) : mg/kg

Forbidden Compounds :

4- Aminodiphenyl	(CAS No : 92-67-1)	4,4'-Methylen-bis-(2-chloraniline)	(CAS No : 101-14-4)
Benzidine	(CAS No : 92-87-5)	4,4'-oxydianiline	(CAS No : 101-80-4)
4-chloro-o-toluidine	(CAS No : 95-69-2)	4,4'-thiodianiline	(CAS No : 139-65-1)
2-Naphthylamine	(CAS No : 91-59-8)	o-toluidine	(CAS No : 95-53-4)
o-amino-azotoluene	(CAS No : 97-56-3)	2,4-toluylenediamine	(CAS No : 95-80-7)
2-amino-4-nitrotoluene	(CAS No : 99-55-8)	2,4,5-trimethylaniline	(CAS No : 137-17-7)
p-chloroaniline	(CAS No : 106-47-8)	o-anisidine	(CAS No : 90-04-0)
2,4-diaminoaniline	(CAS No : 615-05-4)	p-cresidine	(CAS No : 120-71-8)
4,4'-diamino-diphenylmethane	(CAS No : 101-77-9)	3,3'-Dimethylbenzidine	(CAS No : 119-93-7)
3,3'-Dichlorobenzidine	(CAS No : 91-94-1)	4-aminoazobenzene(4-aab)***	(CAS No : 60-09-3)
3,3'-Dimethoxybenzidine	(CAS No : 119-90-4)	4,4'-methylenedi-o- toluidine	(CAS No : 838-88-0)
2,4 Xylidine	(CAS No : 95-68-1)	2,6 Xylidine	(CAS No : 87-62-7)

***Azo colorants that are able to form 4-aminoazobenzene generate under the condition of this method aniline and 1,4-phenylenediamine. The presence of 4-aminoazobenzene releasing colorants should be tested by ISO 14362-3:2017.

The results have been determined by the device of Gas Chromatography - Mass Spectroscopy (GC- MS)

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TEST REPORT**PHTHALATES**

ISO 14389:2022

Tested Parts	Result (ppm)	Result (%)	Total Results (ppm)	Total Results (%)	Limit Value (ppm)	Limit Value (%)	Evaluation
1	< 60	<0.006	< 60	<0.006	Total : 1000	Total : 0.1	PASS

Limit Value : It is given by the EU Regulation 1907/2006 (REACH).
: Total phthalates 1000ppm (% 0.1)

Reporting Limit : 50 ppm (% 0.005)
< : Less than
ppm (part per million) : mg/kg

Forbidden Compounds :

Di-iso-nonyl phthalate	(DINP)	(CAS No : 28553-12-0 /68515-48-0)
Di-isodecyl phthalate	(DIDP)	(CAS No : 26761-40-0/68515-49-1)
Di-n-octyl phthalate	(DNOP)	(CAS No : 117-84-0)
Di-(2-ethylhexyl)-phthalate	(DEHP)	(CAS No : 117-81-7)
Dibutylphthalate	(DBP)	(CAS No : 84-74-2)
Butylbenzyl phthalate	(BBP)	(CAS No : 85-68-7)
Bis-iso-butyl phthalate	(DIBP)	(CAS No : 84-69-5)
Bis cyclohexyl ester	(DCHP)	(CAS No : 84-61-7)
Bis-n-pentylester	(DPP/DPENP)	(CAS No : 131-18-0)
di iso heptyl phthalate	(DIHP)	(CAS No : 71888-89-6)
Bis methyl glycol ester	(DMEP)	(CAS No : 117-82-8)
Bisphenol A polycarbonate	(DIPP(DNPP))	(CAS No : 605-50-5)
Bis hexyl ester	(DNHP(DHEXP))	(CAS No : 84-75-3)

Gas Chromatography - Mass Spectroscopy (GC- MS), results have been determined by the device

**AZOLAB LABORATUVAR HİZMETLERİ A. Ş.**

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TEST REPORT**PHTHALATES**

ISO 16181-1:2021

Tested Parts	Result (ppm)	Result (%)	Total Results (ppm)	Total Results (%)	Limit Value (ppm)	Limit Value (%)	Evaluation
2+3	< 60	<0.006	< 60	<0.006	Total : 1000	Total : 0.1	PASS

Limit Value : It is given by the EU Regulation 1907/2006 (REACH).

: Total Phthalates 1000 ppm (% 0.1)

Reporting Limit : 10 ppm (0.001 %)

< : Less than

ppm (part per million) : mg/kg

Forbidden Compounds :

DBP	(CAS No : 84-74-2)
DEHP	(CAS No : 117-81-7)
BBP	(CAS No : 85-68-7)
DNOP	(CAS No : 117-84-0)
DINP	(CAS No : 28553-12-0/68515-48-0)
DIDP	(CAS No : 26761-40-0/68515-49-1)
1-2 benzen dicarboxylic-1	(CAS No : 68648-93-1)
1-2 benzen dicarboxylic-2	(CAS No : 68648-93-1)
1-2 benzen dicarboxylic-3	(CAS No : 68648-93-1)
Bis-c6-c10 alkyl ester	(CAS No : 68515-51-5)
Bis cyclohexyl ester DCHP	(CAS No : 84-61-7)
Bis ethyl ester DEP	(CAS No : 84-66-2)
Bis hexyl ester DNHP(DHEXP)	(CAS No : 84-75-3)
Bis iso octyl ester DIOP	(CAS No : 27554-26-3)
Bis iso phentyl ester DIPP(DNPP)	(CAS No : 605-50-5)
Bis methyl ester DMP	(CAS No : 131-11-3)
Bis methyl glycol ester DMEP	(CAS No : 117-82-8)
Bis n heptyl ester DHP	(CAS No : 3648-21-3)
Bis n undecyl ester DUP	(CAS No : 3648-20-2)
Bis nonyl ester DNP	(CAS No : 84-76-4)
Bis propyl ester DPRP	(CAS No : 131-16-8)
Bis-n-pentyl ester DPP/DPENP	(CAS No : 131-18-0)
di isohegyl phtalate dihip	(CAS No : 68515-50-4)
di iso heptyl phtalate (DIHP)	(CAS No : 71888-89-6)
DIBP	(CAS No : 84-69-5)

The results have been determined by the device of Gas Chromatography - Mass Spectroscopy (GC- MS)

**AZOLAB LABORATUVAR HİZMETLERİ A. Ş.**

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AB-1110-T

2300031649

09-23

TEST REPORT**DETERMINATION OF ORGANOTIN**

ISO/TS 16179:2012

Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
2+3	< 0.200	1000	PASS
1+4	< 0.200	1000	PASS

Limit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 20.
: For each compound 1000 ppm.

Reporting Limit : 0.2 ppm
< : Less than
ppm (part per million) : mg/kg

Controlled Compounds :

Di-n-octyltin-dichloride	(DOT)	(CAS No : 3542-36-7)
Tetrabutyltin	(TeBT)	(CAS No : 1461-25-2)
n-Octyltin-trichloride	(MOT)	(CAS No : 3091-25-6)
tri-n-butyltin chloride	(TBTC)	(CAS No : 1461-22-9)
Dibutyltin-dichloride	(DBT)	(CAS No : 683-18-1)
Fentin-chloride	(TPhT)	(CAS No : 639-58-7)
Tricyclohexyltin-chloride	(TCyT)	(CAS No : 3091-32-5)
n-Butyltin trichloride	(MBT)	(CAS No : 1118-46-3)
Dimethyltin Dichloride	(DMT)	(CAS No : 753-73-1)
Methyltin trichloride	(MMT)	(CAS No : 993-16-8)
Dichlorodipropyltin	(DPro)	(CAS No : 867-36-7)
Diphenyltin dichloride	(DPhT)	(CAS No : 1135-99-5)

The results have been determined by the device of Gas Chromatography - Mass Spectroscopy (GC- MS)

DETERMINATION OF FORMALDEHYDE

ISO 14184-1:2011

Tested Parts	Results	Limit Value (ppm)	Evaluation
4	<2	75	PASS

Limit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 72.

Reporting Limit : 2 ppm (%0,0002)
< : Less than
ppm (part per million) : mg/kg

Controlled Component : Formaldehyde (CAS No : 50-00-0)

The results have been determined by the device of Ultraviolet-Visible Spectrophotometry (UV-VIS)



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TEST REPORT

AB-1110-T

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DETERMINATION OF CADMIUM (Cd)

EN 1122:2001

Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
2+3	<3	100	PASS
1	<3	100	PASS
4	<3	100	PASS

Limit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 23.

Reporting Limit : 3 ppm (0.0003 %)

< : Less than

ppm (part per million) : mg/kg

Controlled Metal :

Cadmium (Cd) (CAS No : 7440-43-9)

The results have been determined by the device of Inductively Coupled Plasma - Mass Spectrometer (ICP- MS)

APEO

ISO 18254-1:2016

Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
4	NPEO : <1 NP : <1 OPEO : <1 OP : <1	100	PASS

Limit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII restriction 46

Total AP/APEO (NPEO + OPEO + NP + OP): 100 ppm

Reporting Limit : 1 ppm

< : Less than ppm (part per million) : mg/kg

Controlled Components :

4-Nonylphenol (branched) (mixed isomers)

NP

(CAS No : 84852-15-3)

Nonylphenol ethoxylates (Igepal CO 630)

NPEO

(CAS No : 9016-45-9)

4-tert-octylphenol

OP

(CAS No : 140-66-9)

Ethoxylated 4-tert-octylphenol (Triton X-100)

OPEO

(CAS No : 9002-93-1)

The results have been determined by the device of Liquid Chromatography - Mass/Mass Spectroscopy (LC- MS/MS)

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AB-1110-T

2300031649

09-23

TEST REPORT**PAH (POLİ AROMATİK HİDROKARBONLAR)**

AfPS GS:2019:01

Tested Parts	Result (ppm)	Total Result (ppm)	Limit Value (ppm)	Evaluation
2+3	< 0.10	< 0.10	It is given below	PASS
1	< 0.10	< 0.10	It is given below	PASS

LLimit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 50.
For each compounds : 1 ppm

Reporting Limit : 0.1 ppm
< : Less than
ppm (part per million) : mg/kg

Controlled Compounds:

Benzo(e)pyrene (CAS No: 192-97-2)	Benz[a]anthracene (CAS No: 56-55-3)
Chrysene (CAS No: 218-01-9)	Benzo[k]fluoranthene (CAS No: 207-08-9)
Benzo[j]fluoranthene (CAS No: 205-82-3)	Benzo[a]pyrene (CAS No: 50-32-8)
Dibenz[a,h]anthracene (CAS No: 53-70-3)	Benz[b]fluoranthene (CAS No: 205-99-2)

The results have been determined by the device of Gas Chromatography - Mass Spectroscopy (GC- MS)

DETERMINATION OF LEAD (Pb)

CPSC-CH- E1002.08:2012

Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
2+3	<3.0	500	PASS
4	<3.0	500	PASS

Limit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 63.

Reporting Limit : 3 ppm
< : Less than
ppm (part per million) : mg/kg

Controlled Metal :
Lead (Pb) (CAS No : 7439-92-1)

The results have been determined by the device of Inductively Coupled Plasma - Mass Spectrometer (ICP- MS)

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09-23

TEST REPORT**DETERMINATION OF pH**

ISO 3071:2020

Tested Parts	Result 1	Result 2	Average Value	Limit Value	Evaluation
4	6.3	6.3	6.3	4.0 between 7.5	PASS

Limit Value : It is given by the customer.
pH 4.0-7.5 units

" pH of the extraction solution used (KCL) :6,1
" Temperature of extraction solution (KCL) : 22,8 °C

The results have been determined by the device of pH-meter

POLYCHLORINATED PHENOLS

ISO 17070:2015

Tested Parts	Result (ppm)	Limit Value (ppm)	Evaluation
4	<0.1	0.5	PASS

Limit Value (PCP) : It is given by the POPs Regulation (EC) No 850/2004.
Limit Value (Others) : It is given by the OEKO-TEX STANDART 100.

PCP : 0.5 ppm
CP-DiCP : 3 ppm
TriCP : 2 ppm
OPP : 0.5 ppm
TeCP : 0.5 ppm

Reporting Limit : 0.05 ppm
< : Less than ppm (part per million) : mg/kg

Controlled Components ;

(CP)			(DiCP)		
2-Chlorphenol	2-CP	(CAS No : 95-57-8)	2,3-Dichlorphenol	2,3-diCP	(CAS No : 576-24-9)
3-Chlorphenol	3-CP	(CAS No : 108-43-0)	2,4-Dichlorpheno	2,4-diCP	(CAS No : 120-83-2)
4-Chlorphenol	4-CP	(CAS No : 106-48-9)	2,5-Dichlorphenol	2,5-diCP	(CAS No : 583-78-8)
(TriCP)			2,6-Dichlorphenol	2,6-diCP	(CAS No : 87-65-0)
2,3,4-Trichlorophenol	2,3,4-triCP	(CAS No : 15950-66-0)	3,4-Dichlorphenol	3,4-diCP	(CAS No : 95-77-2)
2,3,5-Trichlorophenol	2,3,5-triCP	(CAS No : 933-78-8)	3,5-Dichlorphenol	3,5-diCP	(CAS No : 591 -35-5)
2,3,6-Trichlorophenol	2,3,6-triCP	(CAS No : 933-75-5)	(OPP)		
2,4,5-Trichlorophenol	2,4,5-triCP	(CAS No : 95-95-4)	o-Phenylphenol	OPP	(CAS No : 90-43-7)
2,4,6-Trichlorophenol	2,4,6-triCP	(CAS No : 88-06-2)	(PCP)		
3,4,5-Trichlorophenol	3,4,5-triCP	(CAS No : 609-19-8)	Pentachlorophenol	PCP	(CAS No : 87-86-5)
(TeCP)					
2,3,5,6-Tetrachlorophenol	2,3,5,6-tetraCP	(CAS No : 935-95-5)			
2,3,4,6-Tetrachlorophenol	2,3,4,6-tetraCP	(CAS No : 58-90-2)			
2,3,4,5-Tetrachlorophenol	2,3,4,5-tetraCP	(CAS No : 4901-51-3)			

The results have been determined by the device of Gas Chromatography - Mass Spectroscopy (GC- MS)



KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
 Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
 Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
 (TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2309080-R3

12-23

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Techno Troya Boots PU S4, S5, O4, O5 Model Tasarım C ve Tasarım D Çizme, 25 Çift S-M-L (Techno Troya Boots PU S4, S5, O4, O5 Model Design C and Design D Boots, 25 Pairs S-M-L)
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—
	Müşteri Kodu (Customer Code):	—
	#KTT Kodu (#KTT Code):	2309080
	Kabul Durumu (Acceptance Status):	Kabul (Accepted)
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	28.09.2023-12:00

Test/Analiz Talep Eden Bilgileri (Informations of Test/ Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi /TEKİRDAĞ

Test/Analiz ve Rapor Bilgileri (Informations of Test/ Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	28.09.2023
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	12.10.2023
	Rapor No: (Report Number)	2309080-R3
	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))	14

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- Not:** Bu test/analiz sonuç raporu 2309080-R2 kod ve 13.11.2023 tarih ile tanımlı raporun yeni baskısıdır ve önceki baskıyı geçersiz kılar. Müşteri tarafından 04.12.2023 tarihli 107 sıra no ile gelen evrak yazısı doğrultusunda raporun 4., 5. sayfalarında açıklamalar kısmında bulunan tablolarda değişiklik ve 7. sayfada açıklamalar kısmında yapılan değişiklik nedeni ile revizyon yapılmıştır.
- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.** (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.** (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Laboratuvar Sorumlusu
Person in Charge of Laboratory

Onaylayan/Approval

KARADENİZ TEKNİK
TEST MERKEZİ

Release Date
05.12.2023

Person in Charge of Laboratory

Tarih/Date
05.12.2023

KARADENİZ TEKNİK TEST TİC. LTD. ŞTİ.
 Üniversite Mah. Hastane Cad. Trabzon Teknokent Apt.
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 Tel.: +90 (850) 850 58 86 Karadeniz V.D.: 509 094 1130
 Ticaret Sicil No: 19922 Mersis No: 0509 0941 1800 0001

Eser KURT

Samet AKYÜZ
Müdür
Manager


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2309080-R3

12-23


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Darbe Direnci Tayini (Determination of impact resistance)	TS EN ISO 20344:2021-5.4	TS EN ISO 20345:2022-5.3.2.6	Tablo-1'de belirtilmiştir. (Defined in table-1)	-	UYGUN DEĞİL (UNSATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required),
- Darbe Enerjisi: 200±4 J (Impact Energy: 200±4 J),
- Numune Hasar Durumu: Hasar görülmedi. (Sample Damage Condition: No damage was observed.)

Tablo-1 (Table-1)

Parametre (Parameter)	Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Gereklilik Limit Değerleri (Limit Values of Requirement)
Darbe sonrasında kil yüksekliği (Clay Height After Impact)	36-Sağ S4 (36-Right S4)	8,5	TS EN ISO 20345:2022-5.3.2.6 Tablo-6 (Table-6)
	36-Sol S4 (36-Left S4)	9,5	
	42-Sağ S5 (42-Right S5)	13,5	
	42-Sol S5 (42-Left S5)	13,5	
	49-Sağ S5 (49-Right S5)	15,0	
	49-Sol S5 (49-Left S5)	14,0	

TS EN ISO 20345:2022-5.3.2.6 Tablo 6-Burun koruyucular altındaki minimum açıklık (Table 6-Minimum clearance under toecaps)

Ayak giyeceği numarası (Size of footwear) Avrupa (European)	Asgari iç uzunluk (Minimum clearance) / mm
36 ve altı (≤36)	12,5
37 ve 38 (37 and 38)	13,0
39 ve 40 (39 and 40)	13,5
41 ve 42 (41 and 42)	14,0
43 ve 44 (43 and 44)	14,5
45 ve üzeri (≥45)	15,0

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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Baskı Direnci Tayini (Determination of compression resistance)	TS EN ISO 20344:2021-5.5	TS EN ISO 20345:2022-5.3.2.7	Tablo-2'de belirtilmiştir. (Defined in table-2)	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.).
- Baskı Kuvveti: (15±0,1) kN (Compression Load: (15±0,1) kN).
- Numune Hasar Durumu: Hasar görülmedi. (Sample Damage Condition: No damage was observed.)

Tablo-2 (Table-2)

Parametre (Parameter)	Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Gereklilik Limit Değerleri (Limit Values of Requirement)
Baskı sonrasında kil yüksekliği (Clay Height After Compression)	36-Sağ S4 (36-Right S4)	13,5	TS EN ISO 20345:2022-5.3.2.7 Tablo-6 (Table-6)
	36-Sol S4 (36-Left S4)	14,0	
	42-Sağ S5 (42-Right S5)	17,5	
	42-Sol S5 (42-Left S5)	17,5	
	49-Sağ S5 (49-Right S5)	18,0	
	49-Sol S5 (49-Left S5)	17,0	

TS EN ISO 20345:2022-5.3.2.7 Tablo 6-Burun koruyucular altındaki minimum açıklık (Table 6-Minimum clearance under toecaps)

Ayak giyeceği numarası (Size of footwear) Avrupa (European)	Asgari iç uzunluk (Minimum clearance) / mm
36 ve altı (≤36)	12,5
37 ve 38 (37 and 38)	13,0
39 ve 40 (39 and 40)	13,5
41 ve 42 (41 and 42)	14,0
43 ve 44 (43 and 44)	14,5
45 ve üzeri (≥45)	15,0


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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Belirli Ergonomik Özelliklerin Tayini (Determination of specific ergonomic features)	TS EN ISO 20344:2021-5.1	Tablonun doldurulması ve tüm yanıtların olumlu olması durumunda ayakkabının ergonomik gereksinimleri karşıladığı kabul edilecektir. (The footwear shall be considered to satisfy the ergonomic requirements, if the table is completed and all answers are positive.) TS EN ISO 20345:2022-5.3.4	Tablo-3'de belirtilmiştir. (Defined in table-3)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Teste Tabi Tutulmadan Önce Şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.).
- Test sonucu tasarım C model içindir. (The test result is for design C.)

Tablo-3 (Table-3)

	Parametreler (Parameters)	Sonuç (Result)					
		36-05 Model		42-54 Model		49-04 Model	
		EVET (Yes)	HAYIR (No)	EVET (Yes)	HAYIR (No)	EVET (Yes)	HAYIR (No)
1	Ayakkabının iç yüzeyinde tahrişe veya yaralanmaya neden olacak pürüzlü, keskin veya sert alanlar bulunmuyor mu (elle kontrol edilir)? (Is the inside surface of the footwear free from rough, sharp or hard areas that caused you irritation or injury (checked by hand)?)	X		X		X	
2	Ayak giyeceğinin giyilmesini tehlikeli hale getirdiğini düşündüğünüz özellikler bulunmuyor mu? (ör. tokalar, kayışlar veya takılma veya takılma riski oluşturabilecek diğer özellikler) (Is the footwear free of features that you consider make wearing the footwear hazardous? (e.g. buckles, straps or other features that may present a risk of trapping or tripping))	X		X		X	
3	Bağlanmanın mevcut olduğu yerlerde, bağlanma uygun şekilde ayarlanabiliyor mu? (Where fastenings are present, can the fastening be adequately adjusted?)						
4	Aşağıdaki faaliyetler sorunsuz bir şekilde gerçekleştirilebilir mi? (Can the following activities be performed without problems?)						
	4.1 Yürüme (Walking)	X		X		X	
	4.2 Merdiven çıkma (Climbing stairs)	X		X		X	
	4.3 Diz çökme/çömelme (Kneeling/crouching down)	X		X		X	


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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Belirli Ergonomik Özelliklerin Tayini (Determination of specific ergonomic features)	TS EN ISO 20344:2021-5.1	Tablonun doldurulması ve tüm yanıtların olumlu olması durumunda ayakkabının ergonomik gereksinimleri karşıladığı kabul edilecektir. (The footwear shall be considered to satisfy the ergonomic requirements, if the table is completed and all answers are positive.) TS EN ISO 20345:2022-5.3.4	Tablo-4'de belirtilmiştir. (Defined in table-4)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Teste Tabi Tutulmadan Önce Şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.)
- Test sonucu tasarım D model içindir. (The test result is for design D.)

Tablo-4 (Table-4)

	Parametreler (Parameters)	Sonuç (Result)					
		36-O5 Model		42-S4 Model		49-S5 Model	
		EVET (Yes)	HAYIR (No)	EVET (Yes)	HAYIR (No)	EVET (Yes)	HAYIR (No)
1	Ayakkabının iç yüzeyinde tahrişe veya yaralanmaya neden olacak pürüzlü, keskin veya sert alanlar bulunmuyor mu (elle kontrol edilir)? (Is the inside surface of the footwear free from rough, sharp or hard areas that caused you irritation or injury (checked by hand)?)	X		X		X	
2	Ayak giyeceğinin giyilmesini tehlikeli hale getirdiğini düşündüğünüz özellikler bulunmuyor mu? (ör. tokalar, kayışlar veya takılma veya takılma riski oluşturabilecek diğer özellikler) (Is the footwear free of features that you consider make wearing the footwear hazardous? (e.g. buckles, straps or other features that may present a risk of trapping or tripping))	X		X		X	
3	Bağlanmanın mevcut olduğu yerlerde, bağlanma uygun şekilde ayarlanabiliyor mu? (Where fastenings are present, can the fastening be adequately adjusted?)						
4	Aşağıdaki faaliyetler sorunsuz bir şekilde gerçekleştirilebilir mi? (Can the following activities be performed without problems?)						
	4.1 Yürüme (Walking)	X		X		X	
	4.2 Merdiven çıkma (Climbing stairs)	X		X		X	
	4.3 Diz çökme/çömelme (Kneeling/crouching down)	X		X		X	


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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Kayma Direnci (Slip resistance)	TS EN ISO 20344:2021-5.14	TS EN ISO 20345:2022-5.3.5.2	Tablo-5'de belirtilmiştir. (Defined in table-5)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning Before Testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature,
- Test yüzeyi CTV değeri: 0,21 Seramik Yüzey (Test Surface CTV Value: 0.21 Ceramic surface),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Kullanılan montaj yöntemi: İleri Topuk Kayma-Standart Ayakkabı Kalıbı, Geriye Doğru Ön Kısım Kayması-Standart Ayakkabı Kalıbı (Mounting method used: Forward Heel Slip-Standard Shoemaking Last, Backward forepart slip-Standard Shoemaking Last)

Tablo-5 (Table-5)

Kayma Direnci (Geriye Doğru Ön Kısım Kayması) (Slip Resistance (Backward forepart slip))	Sonuç (Result)	Gereklilik (Requirement)
Seramik Fayans (Ceramic tiles) %0,5 NaLS		
36-Sağ O5 (36-Right O5)	0,39	≥0,36
36-Sol O5 (36-Left O5)	0,37	
42-Sağ O4 (42-Right O4)	0,36	
42-Sol O4 (42-Left O4)	0,36	
49-Sağ S4 (49-Right S4)	0,40	
49-Sol S4 (49-Left S4)	0,36	
Kayma Direnci (İleri Doğru Topuk Kayma) (Slip Resistance (Forward heel slip))	Sonuç (Result)	Gereklilik (Requirement)
Seramik Fayans (Ceramic tiles) %0,5 NaLS		
36-Sağ O5 (36-Right O5)	0,37	≥0,31
36-Sol O5 (36-Left O5)	0,37	
42-Sağ O4 (42-Right O4)	0,32	
42-Sol O4 (42-Left O4)	0,31	
49-Sağ S4 (49-Right S4)	0,38	
49-Sol S4 (49-Left S4)	0,32	

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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Kayma Direnci (Slip resistance)	TS EN ISO 20344:2021-5.14	TS EN ISO 20345:2022-6.2.10	Tablo-6'de belirtilmiştir. (Defined in table-6)	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test öncesi koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature),
- Test yüzeyi CTV değeri: 0,21 Seramik Yüzey (Test Surface CTV Value: 0.21 Ceramic surface),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Kullanılan Montaj Yöntemi: İleri Topuk Kayma-Standart Ayakkabı Kalıbı, Geriye Doğru Ön Kısım Kayması-Standart Ayakkabı Kalıbı (Mounting Method Used: Forward Heel Slip-Standard Shoemaking Last, Backward forepart slip-Standard Shoemaking Last)

Tablo-6 (Table-6)

Kayma Direnci (Geriye Doğru Ön Kısım Kayması) (Slip Resistance (Backward forepart slip))	Sonuç (Result)	Gereklilik (Requirement)
Seramik Fayans (Ceramic tiles)		
Gliserin (Glycerine)		
36-Sağ O5 (36-Right O5)	0,36	≥0,22
36-Sol O5 (36-Left O5)	0,31	
42-Sağ O4 (42-Right O4)	0,26	
42-Sol O4 (42-Left O4)	0,25	
49-Sağ S4 (49-Right S4)	0,26	
49-Sol S4 (49-Left S4)	0,27	
Kayma Direnci (İleri Doğru Topuk Kayma) (Slip Resistance (Forward heel slip))	Sonuç (Result)	Gereklilik (Requirement)
Seramik Fayans (Ceramic tiles)		
Gliserin (Glycerine)		
36-Sağ O5 (36-Right O5)	0,32	≥0,19
36-Sol O5 (36-Left O5)	0,32	
42-Sağ O4 (42-Right O4)	0,27	
42-Sol O4 (42-Left O4)	0,29S	
49-Sağ S4 (49-Right S4)	0,24	
49-Sol S4 (49-Left S4)	0,23	

SR İçin Uygunluk Değerlendirmesi
(Conformity Assessment for SR)

UYGUN
(SATISFACTORY)

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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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<p>Dış Tabanın Yırtilma Dayanımının Tayini (Determination of tear strength of outsole)</p>	<p>TS EN ISO 20344:2021-8.3/ TS ISO 34-1:2015 Metot A</p>	<p>Yırtilma dayanımı 0,9 g/cm³ ten daha yüksek yoğunluklu malzeme için 8 kN/m'den az olmamalıdır. (The tear strength shall be not less than 8 kN/m for a material with a density higher than 0,9 g/cm³.)</p> <p>Yırtilma dayanımı 0,9 g/cm³ e eşit veya daha düşük yoğunluklu malzeme için 5 kN/m'den az olmamalıdır. (The tear strength shall be not less than 5 kN/m for a material with a density lower or equal to 0,9 g/cm³.)</p> <p>TS EN ISO 20345:2022-5.8.3</p>	<p>11,3 kN/m</p>	<p>—</p>	<p>UYGUN (SATISFACTORY)</p>
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning Before Testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH),
- Numune Yoğunluğu: 0,9505 g/cm³ (Sample Density: 0.9505 g/cm³),
- Test, ayakkabı bileşenin (PU) üretildiği malzemeden gerçekleştirilmiştir. (The test, was carried out from the material from which the footwear component (PU) is manufactured.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / kN/m
36-Sağ S4 (36-Right S4)	11,3
42-Sağ S4 (42-Right S4)	14,3
49-Sağ O4 (49-Right O4)	11,6

<p>Aşınma Direncinin Tayini (Determination of wear resistance)</p>	<p>TS EN ISO 20344:2021-8.4/ TS ISO 4649:2021 Metot A</p>	<p>Hacim kaybı 250 mm³ den büyük olmamalıdır. (The volume loss shall be not greater than 250 mm³.)</p>	<p>56,7 mm³</p>	<p>—</p>	<p>UYGUN (SATISFACTORY)</p>
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH),
- Uygulanan dikey kuvvet: 10±0,2 N (Vertical force applied: 10±0,2 N),
- Aşınma mesafesi: 40 m (Wear distance: 40 m),
- Numune Yoğunluğu: 0,9505 g/cm³ (Sample Density: 0.9505 g/cm³)

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm ³
36-Sağ S4 (36-Right S4)	56,7
42-Sağ O4 (42-Right O4)	45,5
49-Sağ S4 (49-Right S4)	52,3


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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Dış Tabanın Esneme Direncinin Tayini (Determination of flexing resistance of outsole)	TS EN ISO 20344:2021-8.6	Kesik genişliği 30 000 esneme çevrimi öncesinde 4 mm'den fazla olmamalıdır. (The cut growth shall be not greater than 4 mm before 30 000 flex cycles.) TS EN ISO 20345:2022-5.8.5	0,5 mm	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH),
- 30±0,5 N Uyg. Yatayla Yap. Açı: > 45° (Applied 30±0,5 N angle to horizontal: > 45°),
- Test Parça Sayısı: 3 Adet (Number of Test Pieces: 3 Pieces),
- Kendiliğinden oluşan çatlaklar görülmemiştir. (No spontaneous cracks were observed.),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm
36-Sağ S5 (36-Right S5)	0,5
42-Sağ S5 (42-Right S5)	0,5
49-Sağ S5 (49-Right S5)	0,3

Dış Tabanın Esneme Direncinin Tayini (Determination of flexing resistance of outsole)	TS EN ISO 20344:2021-8.6	Kesik genişliği 30 000 esneme çevrimi öncesinde 4 mm'den fazla olmamalıdır. (The cut growth shall be not greater than 4 mm before 30 000 flex cycles.) TS EN ISO 20345:2022-5.8.5	1,5 mm	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH),
- 30±0,5 N Uyg. Yatayla Yap. Açı: > 45° (Applied 30±0,5 N angle to horizontal: > 45°),
- Test Parça Sayısı: 3 Adet (Number of Test Pieces: 3 Pieces)
- Kendiliğinden oluşan çatlaklar görülmemiştir. (No spontaneous cracks were observed.),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm
36-Sol S4 (36-Left S4)	0,5
42-Sol S4 (42-Left S4)	1,5
42-Sol S4 (49-Left S4)	1,0


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Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

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KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2309080-R3

12-23

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Dış Taban Hidroliz Direnci Tayini (Determination of resistance to hydrolysis of outsole)	TS EN ISO 20344:2021-8.7/ ISO 5423:1992 Ek C	Kesik genişliği, 150 000 esneme döngüsüne kadar 6 mm'den fazla olmamalıdır. (The cut growth shall be not more than 6 mm until 150 000 flex cycles.) TS EN ISO 20345:2022-5.8.6	0,2 mm	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 70±2 °C, Süre: 7 gün (Pre-Experiment Conditioning: 70±2 °C, Time: 7 day).
- Test öncesi koşullandırma sonrasında numuneler 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem de koşullandırılmıştır. (After pre-test conditioning, the samples were conditioned for 24 Hours at (23±2) °C Temperature and (50±5) % Relative Humidity).
- Test Koşulları: -5±2 °C (Test Conditions: -5±2 °C).
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.).
- Test, ayakkabı bileşenin (PU) üretildiği malden gerçekleştirilmiştir. (The test, was carried out from the material from which the footwear component (PU) is manufactured.)

Delinmeye Dirençli Ara Tabanların Boyutları (Dimensions of perforation resistant inserts)	TS EN ISO 20344:2021-5.8	(X) <6,5 mm (Y) <17 mm TS EN ISO 20345:2022-6.2.1.3	X= 6,0 mm Y= 14,5 mm	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Teste tabi tutulmadan önce şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.).
- (X): Kalıp kenar hattıyla temsil edilen çizgi ile ek parçanın kenarı arasındaki mesafe (With the exception of the heel region, the maximum distance between the line represented by the feather edge of the last and the edge of the insert).
- (Y): Ökçe bölgesinde, kalıp kenar hattıyla temsil edilen çizgi ile ek parça arasındaki mesafe (In the heel region, the maximum distance between the line represented by the feather edge of the last and the insert).
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	X Mesafesi (X Distance)
36-Sağ S5 (36-Right S5)	4,5	X<6,5 mm
36-Sol S5 (36-Left S5)	5,0	
42-Sağ S5 (42-Right S5)	4,5	
42-Sol S5 (42-Left S5)	5,0	
49-Sağ O5 (49-Right O5)	6,0	
49-Sol O5 (49-Left O5)	6,0	

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Y Mesafesi (Y Distance)
36-Sağ S5 (36-Right S5)	7,5	Y<17 mm
36-Sol S5 (36-Left S5)	10,0	
42-Sağ S5 (42-Right S5)	8,0	
42-Sol S5 (42-Left S5)	10,0	
49-Sağ O5 (49-Right O5)	14,5	
49-Sol O5 (49-Left O5)	14,5	

Doküman Kodu: MD-FR-005
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KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2309080-R3

12-23

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Elektrik Direncinin Tayini (Determination of electrical resistance)	TS EN ISO 20344:2021-5.13	Kuru ortam (Dry atmosphere); $> 10^5 \Omega$ ve $\leq 10^9 \Omega$	$6,7 \times 10^8 \Omega$	-	UYGUN (SATISFACTORY)
		Yaş ortam (Wet atmosphere); $> 10^5 \Omega$ ve $\leq 10^9 \Omega$	$1,3 \times 10^8 \Omega$		UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test öncesi koşullandırma (Kuru ortam): 7 Gün Süreyle, (20±2) °C Sıcaklık ve % (30±5) Bağıl Nem (Conditioning before testing (Dry atmosphere): Temperature (20±2) °C and (30±5) % RH for 7 Days),
- Test öncesi koşullandırma (Yaş ortam): 7 Gün Süreyle, (20±2) °C Sıcaklık ve % (85±5) Bağıl Nem (Conditioning before testing (Wet atmosphere): Temperature (20±2) °C and (85±5) % RH for 7 Days),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: Temperature (23±2) °C and (50±5) %),
- Test parça sayısı: 6 Adet (Number of test pieces: 6 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Kuru Şart İçin (For Dry Condition)	
Deney Parçası (Experiment Piece)	Sonuç (Result)/ Ω
36-Sağ S4 (36-Right S4)	$4,4 \times 10^8$
36-Sol S4 (36-Left S4)	$5,3 \times 10^8$
42-Sağ S5 (42-Right S5)	$4,0 \times 10^8$
42-Sol S5 (42-Left S5)	$5,3 \times 10^8$
49-Sağ S4 (49-Right S4)	$6,7 \times 10^8$
49-Sol S4 (49-Left S4)	$6,6 \times 10^8$

Islak Şart İçin (For Wet Condition)	
Deney Parçası (Experiment Piece)	Sonuç (Result)/ Ω
36-Sağ S4 (36-Right S4)	$5,4 \times 10^7$
36-Sol S4 (36-Left S4)	$1,3 \times 10^8$
42-Sağ S5 (42-Right S5)	$1,0 \times 10^8$
42-Sol S5 (42-Left S5)	$5,3 \times 10^7$
49-Sağ S4 (49-Right S4)	$3,8 \times 10^7$
49-Sol S4 (49-Left S4)	$3,4 \times 10^7$


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Rev.No/Tarih: 07/20.03.2023

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Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2309080-R3

12-23

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Soğuğa Karşı Yalıtım Tayini (Determination of insulation against cold)	TS EN ISO 20344:2021-5.16	Taban astarının üst yüzeyindeki sıcaklık düşüşü 10 °C'den fazla olmamalıdır. (The temperature drop on the upper surface of the insole should not be more than 10 °C.) TS EN ISO 20345:2022-6.2.3.2	6,0°C	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning Before Testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: -17±2 °C (Test Conditions: -17±2 °C),
- Test Süresi: 30±1 dk (Test Period: 30±1 min),
- Test Parça Sayısı: 2 Adet (Number of Test Pieces: 2 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / °C
42-Sağ S5-Tasarım D (42-Right S5-Design D)	6,0
49-Sağ S4-Tasarım C (49-Right S4-Design C)	5,0

Topuk Bölgesinin Enerji Absorpsiyonunun Tayini (Determination of energy apsorption of the seat region)	TS EN ISO 20344:2021-5.17	Ayak topuğunun ökçeye basma bölgesinin enerji soğurması 20 J'den az olmamalıdır. (The energy absorption of the seat region shall be not less than 20 J.) TS EN ISO 20345:2022-6.2.4	29 J	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Yük Hücresi: 5000±50 N (Load Cell: 5000±50 N),
- Test Hızı: 10±3 mm/dk (Test Speed: 10±3 mm/min),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.),

Deney Parçası (Experiment Piece)	Sonuç (Result) / J
36-Sağ O5 (36-Right O5)	36
36-Sol O5 (36-Left O5)	33
42-Sağ S5 (42-Right S5)	35
42-Sol S5 (42-Left S5)	29
49-Sağ S5 (49-Right S5)	29
49-Sol S5 (49-Left S5)	33

Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

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Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2309080-R3

12-23

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Topuk Bölgesinin Enerji Absorpsiyonunun Tayini (Determination of energy apsorption of the seat region)	TS EN ISO 20344:2021-5.17	Ayak topuğunun ökçeye basma bölgesinin enerji soğurması 20 J'den az olmamalıdır. (The energy absorption of the seat region shall be not less than 20 J.) TS EN ISO 20345:2022-6.2.4	31 J	—	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Yük Hücresi: 5000±50 N (Load Cell: 5000±50 N),
- Test Hızı: 10±3 mm/dk (Test Speed: 10±3 mm/min),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / J
36-Sağ S4 (36-Right S4)	37
36-Sol S4 (36-Left S4)	38
42-Sağ S4 (42-Right S4)	33
42-Sol S4 (42-Left S4)	31
49-Sağ O4 (49-Right O4)	36
49-Sol O4 (49-Left O4)	38

Fuel Öile Direncin Tayini (Determination of resistance to fuel oil)	TS EN ISO 20344:2021-8.8/ TS ISO 1817:2015-8.3	Hacimdeki artış %12'den fazla olmamalıdır. (The increase in volume shall be not greater than 12%.) TS EN ISO 20345:2022-6.4.2	%6,20	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test öncesi koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature),
- Sertlik Değişimi (shore A): 3 (Hardness change shore A: 3),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)
- Test, ayakkabı bileşenin (PU) üretildiği malzemeden gerçekleştirilmiştir. (The test, was carried out from the material from which the footwear component (PU) is manufactured.)

- (*) İşaretili testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyses marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)

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Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

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Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

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12-23

- **Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numuneye ait sonuçlardır.** (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- **Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir.** (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- **Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır.** (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)

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KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2309081

10-23

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Techno Troya Boots PU S4, S5, O4, O5 Model ve PU/TPU S4, S5, O4, O5 Model Tasarım C ve Tasarım D Çizme, 26 Çift S-M-L (Techno Troya Boots PU S4, S5, O4, O5 Model and PU/TPU S4, S5, O4, O5 Model Design C and Design D Boots, 26 Pairs S-M-L)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—	
	Müşteri Kodu (Customer Code):	—	
	#KTT Kodu (#KTT Code):	2309081	
	Kabul Durumu (Acceptance Status):	Kabul (Accepted)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	28.09.2023-12:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi /TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	28.09.2023	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	12.10.2023	
	Rapor No: (Report Number)	2309081	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))
			8

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

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- **Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.** (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Laboratuvar Sorumlusu
Person in Charge of Laboratory

Onaylayan/Approval

KARADENİZ TEKNİK
TEST TİCARET LİMİTED ŞİRKETİ

Release Date

13.10.2023

Tarih/Date

13.10.2023

KARADENİZ TEKNİK TEST TİC. LTD. ŞTİ.
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Ticaret Sicil No: 19922 Mersis No: 0509 0941 1800 0001

Eser KURT

Samet AKYÜZ
Müdür
Manager


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

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Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

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Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Saya Yüksekliği (Height of the upper)	TS EN ISO 20344:2021-6.2	TS EN ISO 20345:2022-5.2.2	Tablo-1'de belirlenmiştir. (Defined in table-1)	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.)

Tablo-1 (Table-1)

Parametre (Parameter)	Deney Parçası Techno Troya Boots PU (Experiment Piece)	Sonuç (Result) / mm	Gereklilik Limit Değerleri (Limit Values of Requirement)
Saya Yüksekliği (Height of the upper)	36-Sol Tasarım C (36-Left Design C)	218,7	TS EN ISO 20345:2022-5.2.2 Tablo-4 (Table 4)
	42-Sol Tasarım C (42-Left Design C)	234,3	
	49-Sol Tasarım C (49-Left Design C)	254,3	

TS EN ISO 20345:2022-5.2.2 Tablo 4-Saya Yüksekliği (Table 4-Height of the upper)

Ayak giyeceği numarası (Size of footwear)	Yükseklik (Height) / mm
Avrupa (European)	Tasarım C (Design C)
36 ve altı (≤ 36)	≥ 162
37 ve 38 (37 and 38)	≥ 165
39 ve 40 (39 and 40)	≥ 172
41 ve 42 (41 and 42)	≥ 178
43 ve 44 (43 and 44)	≥ 185
45 ve üzeri (≥ 45)	≥ 192


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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Saya Yüksekliği (Height of the upper)	TS EN ISO 20344:2021-6.2	TS EN ISO 20345:2022-5.2.2	Tablo-2'de belirtilmiştir. (Defined in table-2)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.)

Tablo-2 (Table-2)

Parametre (Parameter)	Deney Parçası Techno Troya Boots PU (Experiment Piece)	Sonuç (Result) / mm	Gereklilik Limit Değerleri (Limit Values of Requirement)
Saya Yüksekliği (Height of the upper)	36-Sol Tasarım D (36-Left Design D)	300,8	TS EN ISO 20345:2022-5.2.2 Tablo-4 (Table 4)
	42-Sol Tasarım D (42-Left Design D)	322,7	
	49-Sol Tasarım D (49-Left Design D)	352,0	

TS EN ISO 20345:2022-5.2.2 Tablo 4-Saya Yüksekliği (Table 4-Height of the upper)

Ayak giyeceği numarası (Size of footwear)	Yükseklik (Height) / mm
Avrupa (European)	Tasarım D (Design D)
36 ve altı (≤ 36)	≥ 255
37 ve 38 (37 and 38)	≥ 260
39 ve 40 (39 and 40)	≥ 270
41 ve 42 (41 and 42)	≥ 280
43 ve 44 (43 and 44)	≥ 290
45 ve üzeri (≥ 45)	≥ 300


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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Saya Yüksekliği (Height of the upper)	TS EN ISO 20344:2021-6.2	TS EN ISO 20345:2022-5.2.2	Tablo-3'de belirtilmiştir. (Defined in table-3)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.)

Tablo-3 (Table-3)

Parametre (Parameter)	Deney Parçası Techno Troya Boots PU/TPU (Experiment Piece)	Sonuç (Result) / mm	Gereklilik Limit Değerleri (Limit Values of Requirement)
Saya Yüksekliği (Height of the upper)	36-Sol Tasarım C (36-Left Design C)	217,8	TS EN ISO 20345:2022-5.2.2 Tablo-4 (Table 4)
	42-Sol Tasarım C (42-Left Design C)	233,9	
	49-Sol Tasarım C (49-Left Design C)	254,8	

TS EN ISO 20345:2022-5.2.2 Tablo 4-Saya Yüksekliği (Table 4-Height of the upper)

Ayak giyeceği numarası (Size of footwear)	Yükseklik (Height) / mm
Avrupa (European)	Tasarım C (Design C)
36 ve altı (≤36)	≥162
37 ve 38 (37 and 38)	≥165
39 ve 40 (39 and 40)	≥172
41 ve 42 (41 and 42)	≥178
43 ve 44 (43 and 44)	≥185
45 ve üzeri (≥45)	≥192


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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Saya Yüksekliği (Height of the upper)	TS EN ISO 20344:2021-6.2	TS EN ISO 20345:2022-5.2.2	Tablo-4'de belirtilmiştir. (Defined in table-4)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.)

Tablo-4 (Table-4)

Parametre (Parameter)	Deney Parçası Techno Troya Boots PU/TPU (Experiment Piece)	Sonuç (Result) / mm	Gereklilik Limit Değerleri (Limit Values of Requirement)
Saya Yüksekliği (Height of the upper)	36-Sol Tasarım D (36-Left Design D)	302,3	TS EN ISO 20345:2022-5.2.2 Tablo-4 (Table 4)
	42-Sol Tasarım D (42-Left Design D)	324,3	
	49-Sol Tasarım D (49-Left Design D)	350,5	

TS EN ISO 20345:2022-5.2.2 Tablo 4-Saya Yüksekliği (Table 4-Height of the upper)

Ayak giyeceği numarası (Size of footwear)	Yükseklik (Height) / mm
Avrupa (European)	Tasarım D (Design D)
36 ve altı (≤ 36)	≥ 255
37 ve 38 (37 and 38)	≥ 260
39 ve 40 (39 and 40)	≥ 270
41 ve 42 (41 and 42)	≥ 280
43 ve 44 (43 and 44)	≥ 290
45 ve üzeri (≥ 45)	≥ 300

Sızdırmazlığın Tayini (Determination of leak proofness)	TS EN ISO 20344:2021-5.7	Hava sızdırması olmamalıdır. (There shall be no leakage of air.) TS EN ISO 20345:2022-5.3.3	Hava kabarcığı görülmedi. (No air bubbles were seen.)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature)

Deney Parçası (Experiment Piece)	Sonuç (Result)
42-Sol Tasarım C (42-Left Design C)	Hava kabarcığı görülmedi. (No air bubbles were seen.)
49-Sol Tasarım C (49-Left Design C)	Hava kabarcığı görülmedi. (No air bubbles were seen.)


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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Sızdırmazlığın Tayini (Determination of leak proofness)	TS EN ISO 20344:2021-5.7	Hava sızdırması olmamalıdır. (There shall be no leakage of air.) TS EN ISO 20345:2022-5.3.3	Hava kabarcığı görülmedi. (No air bubbles were seen.)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature)

Deney Parçası (Experiment Piece)	Sonuç (Result)
42-Sağ Tasarım D (42-Right Design D)	Hava kabarcığı görülmüdü. (No air bubbles were seen.)
49-Sağ Tasarım D (49-Right Design D)	Hava kabarcığı görülmüdü. (No air bubbles were seen.)

Sayısının Kopma Kuvvetinin Tayini (Determination of the breaking force of upper)	TS EN ISO 20344:2021-6.4/ ISO 4643:1992	%100'lük uzamada modüller ≥1,0 N/mm ² olmalıdır. (Modulus should be ≥1,0 N/mm ² at 100 % elongation.) TS EN ISO 20345:2022-5.4.4 % Kopma uzama ≥250 olmalıdır. (Should be ≥250 at break elongation.) TS EN ISO 20345:2022-5.4.4	1,3 N/mm ² %542	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH),
- Çene Ayırma Hızı: 500 mm/dk (Jaw Separation Speed: 500 mm/min),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result)	
	% 100 Uzamada Modül (Modulus at 100 % elongation) / N/mm ²	Kopma Uzaması (Break Elongation.) / %
36-Sağ (36-Right)	1,4	542
42-Sağ (42-Right)	1,6	573
49-Sağ (49-Right)	1,3	607

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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Sayanın Esneme Direncinin Tayini (Determination of upper flexing resistance)	TS EN ISO 20344:2021-6.5/ ISO 4643:1992 Ek-B	150 000 esneme çevrimine kadar çatlama olmamalıdır. (No cracking before 150 000 flex cycles) TS EN ISO 20345:2022-5.4.5	Çatlama gözlenmedi. (No cracking was observed.)	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test öncesi koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (-5±2) °C Sıcaklık (Test Conditions: (-5±2) °C Temperature),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result)
36-Sağ (36-Right)	Çatlama gözlenmedi. (No cracking was observed.)
42-Sağ (42-Right)	Çatlama gözlenmedi. (No cracking was observed.)
49-Sağ (49-Right)	Çatlama gözlenmedi. (No cracking was observed.)

Sayada Hidroliz Direncinin Tayini (Determination of resistance to hydrolysis of upper)	TS EN ISO 20344:2021-6.10/ ISO 5423:1992 Ek B	150 000 esneme çevrimine kadar çatlama olmamalıdır. (No cracking before 150 000 flex cycles.) TS EN ISO 20345:2022-5.4.7	Tablo-5'de belirtilmiştir. (Defined in table-5)	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 70±1 °C, Süre: 7 gün (Conditioning before testing: 70±1°C, Time: 7 day),
- Test öncesi koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (-5±2) °C (Test Conditions: (-5±2) °C),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Tablo-5 (Table-5)

Deney Parçası (Experiment Piece)	Sonuç (Result)
36-Sağ (36-Right)	Çatlama görülmedi. (No cracking was observed.)
42-Sağ (42-Right)	Çatlama görülmedi. (No cracking was observed.)
49-Sağ (49-Right)	Çatlama görülmedi. (No cracking was observed.)

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- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
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- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)


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- **Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir.**
(Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- **Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır.**
(Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)

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2309083-R2

12-23

TEST/ANALİZ SONUÇ RAPORU
 (TEST/ANALYSIS RESULT REPORT)

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Techno Troya Boots PU S4, S5, O5 Model ve PU/TPU S4, S5, O5 Model Çizmede Kullanılan Metalik Ara Taban ve Metalik Burun Koruyucu, 3 Çift S-M-L Burun Koruyucu, 8 Çift S-M-L Çizme (Containing Metallic Insert and Metallic Toeacap Techno Troya Boots PU S4, S5, O5 Model and PU/TPU S4, S5, O5 Model Boots, 3 Pairs of S-M-L Toeacap, 8 Pairs of S-M-L Boots)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	-	
	Müşteri Kodu (Customer Code):	-	
	#KTT Kodu (#KTT Code):	2309083	
	Kabul Durumu (Acceptance Status):	Kabul (Accepted)	
Test/Analiz Talep Eden Bilgileri (Informations of Test/ Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi /TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/ Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	02.10.2023	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	09.10.2023	
	Rapor No: (Report Number)	2309083-R2	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))
			5

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- Not: Bu test/analiz sonuç raporu 2309083-R1 kod ve 01.12.2023 tarih ile tanımlı raporun yeni baskısıdır ve önceki baskıyı geçersiz kılar. Müşteri tarafından 04.12.2023 tarihli 107 sıra no ile gelen evrak yazısı doğrultusunda 2.ve 3. sayfalarda bulunan açıklamalar kısmına madde ilavesi sonucu revizyon yapılmıştır.
- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir. (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır. (Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Laboratuvar Sorumlusu

Onaylayan/Approval

Release Date

Person in Charge of Laboratory

Tarih/Date

05.12.2023

05.12.2023

KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

KARADENİZ TEKNİK TEST TİC. LTD. ŞTİ.

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 Tel.: +90 (850) 850 58 86 Karadeniz V.D.: 509 094 1180
 Ticaret Sicil No: 19922 Mersis No: 0509 0941 1800 0001

Eser KURT

Samet AKYÜZ

Müdür

Manager

Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 1/5

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KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2309083-R2

12-23


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Burun Koruyucu İç Uzunluğunun Tayini (Determination of internal toecap length)	TS EN ISO 20344:2021-5.3.2.1/ 22568-1:2019-5.2.1	TS EN ISO 20345:2022-5.3.2.2/ 22568-1:2019-4.3.1	Tablo-1'de belirtilmiştir. (Defined in table-1)	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.).
- 6, 8 ve 11 nolu (sağ-sol) metalik burunlarda lekeler veya diğer kusurlar, çapaklar ve keskin kenarlar gözlenmemiştir. (Toe caps sizes 6, 8 and 11 (left and right) are free of burrs, surface marks and damage and have no sharp edges.)

Tablo-1 (Table-1)

Parametre (Parameter)	Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Gereklilik Limit Değerleri (Limit Values of Requirement)
Burun Koruyucu İç Uzunluğunun Tayini (Determination of internal toecap length)	6-Sağ (6-Right)	40,0	TS EN ISO 20345:2022-5.3.2.2 Tablo-5 (Table-5)
	6-Sol (6-Left)	39,2	
	8-Sağ (8-Right)	40,3	
	8-Sol (8-Left)	41,3	
	11-Sağ (11-Right)	44,0	
	11-Sol (11-Left)	44,1	

TS EN ISO 20345:2022-5.3.2.2 Tablo 5-Burun koruyucuların minimum iç uzunluğu (Table 5-Minimum internal length of toecaps)

Ayak giyeceği numarası (Size of footwear) Avrupa (European)	Metalik ve metalik olmayan burun koruyucu boyutları (Metallic and non-metallic toecap size)	Minimum iç uzunluk (Minimum internal length) / mm
36 ve altı (≤36)	≤5	34
37 ve 38 (37 and 38)	6	36
39 ve 40 (39 and 40)	7	38
41 ve 42 (41 and 42)	8	39
43 ve 44 (43 and 44)	9	40
45 ve üzeri (≥45)	≥10	42

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Ticaret Sicil No: 19922 Mersis No: 0509 0941 1800 0001

Doküman Kodu: MD-FR-005
Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 2/5

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Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Burun Koruyucuların Flanş Genişliğinin Tayini (Determination of toecap flange width)	TS EN ISO 20344:2021-5.3.2.2/ 22568-1:2019-5.2.2	Metalik burun koruyucuların flanşının genişliği 12 mm'den fazla olmamalıdır. (The width of the flange of metallic toecaps shall not be greater than 12 mm.) TS EN ISO 20345:2022-5.3.2.3/ 22568-1:2019-4.3.2	Tablo-2'de belirlenmiştir. (Defined in table-2)	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Teste Tabi Tutulmadan Önce Şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.)

Tablo-2 (Table-2)

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm
6-Sağ (6-Right)	8,3
6-Sol (6-Left)	8,4
8-Sağ (8-Right)	8,4
8-Sol (8-Left)	8,3
11-Sağ (11-Right)	7,8
11-Sol (11-Left)	8,1

Burun Koruyucuların Davranışı (Korozyon Direncinin Tayini) (Behaviour of Toecaps (Determination of corrosion resistance))	TS EN ISO 20344:2021-5.6.2.1	Metalik burun koruyucuların hiçbirisi herhangi bir yönde 2 mm'den fazla ölçülmeyecek şekilde üçten fazla korozyon alanı bulundurmamalıdır. (Metallic toecaps shall not exhibit more than three areas of corrosion, none of which shall measure more than 2 mm in any direction.) TS EN ISO 20345:2022-5.3.2.4.2	Korozyon Görülmedi. (No Corrosion.)	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Teste Tabi Tutulmadan Önce Şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.)
- Numune Sınıfı: Sınıf II (Sample Class: Class II),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result)
42-Sağ (42-Right)	Korozyon Görülmedi. (No Corrosion.)
49-Sağ (49-Right)	Korozyon Görülmedi. (No Corrosion.)

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Doküman Kodu: MD-FR-005
Rev.No/Tarih: 07/20.03.2023

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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birim/Unit)	Sonuç (Result) (Birim/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Delinmeye Dirençli Metalik Ara Tabanlı Ayakkabının Delinme Direncinin Tayini (Determination of the perforation resistance of footwear with a metallic perforation resistant insert)	TS EN ISO 20344:2021-5.9	Dış taban birimini delmek için gereken en düşük değer 1100 N'dan az olmamalıdır. (The lowest value required to perforate the outsole unit shall be not less than 1100 N) TS EN ISO 20345:2022-6.2.1.1.2	1350 N	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Teste tabi tutulmadan önce şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.).
- Cihaz Hızı: 10±3 mm/dk (Device Speed: 10±3 mm/min),
- Raporlanan test sonucu, deney parçalarına ait en kötü değeridir. (The reported test result is the worst value of the test pieces.).
- Test sonuçları PU tabandan yapılmıştır. (Test results are made of PU sole.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / N
36-Sağ (36-Right)	1480
36-Sol (36-Left)	1490
42-Sağ (42-Right)	1480
42-Sol (42-Left)	1350
49-Sağ (49-Right)	1580
49-Sol (49-Left)	1420

Delinmeye Dirençli Ara Tabanların Davranışı (Korozyon Direncinin Tayini) (Behaviour of perforation resistant inserts (Determination of corrosion resistance))	TS EN ISO 20344:2021-5.11.2/ TS EN ISO 20344:2021-5.6.2.1	Herhangi bir yönde 2 mm'den fazla ölçülmeyecek üçten fazla korozyon alanı bulundurmamalıdır. (Not exhibit more than three areas of corrosion, none of which shall measure more than 2 mm in any direction.) TS EN ISO 20345:2022-6.2.1.4.2.2	Korozyon Görülmedi (No Corrosion)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.).
- Numune Sınıfı: Sınıf II (Sample class: Class II),
- Raporlanan test sonucu, deney parçalarına ait en kötü değeridir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result)
42-Sağ (42-Right)	Korozyon Görülmedi. (No Corrosion.)
49-Sağ (49-Right)	Korozyon Görülmedi. (No Corrosion.)

KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

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Doküman Kodu: MD-FR-005
Rev.No/Tarih: 07/20.03.2023

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AB-1669-T

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12-23

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyzes marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
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- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)

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**AZOLAB LABORATUVAR HİZMETLERİ A. Ş.**

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5-B Kat:1 No:34 Beylikdüzü/İSTANBUL

Tel: 0212 855 85 06(07) Fax: 0212 909 14 30

Web: www.azolab.com.tr E-mail: info@azolab.com.trTest
TS EN ISO/IEC 17025
AB-1110-T

AB-1110-T

2300042356

12-23

TEST REPORT**Overall Rating:****PASS**

Report Nr / Revision Nr :

2300042356

Applicant :

CMF AYAKKABICILIK SAN.VE TİC.A.Ş

Applicant Address :

SEYMEN YOLU CAD. CEDİT ALİ PAŞA MAHALLESİ NO:9/1 59740

MARMARAEREĞLİSİ / TEKİRDAĞ

Yelda GÜLTEKİN

Contact Person :

Contact Telephone :

Contact Fax :

Contact e-mail :

quality@cmfboots.com

Sample Accepted on :

5.12.2023

Test Resulted Date :

6.12.2023

Date Release Report :

6.12.2023

Total number of pages :

4

Sample ID :

1 BINDING (GREY) 1 PULL TABS (BLACK)

Original Report nr :

-

Explanation

BINDING (GREY) - PULL TABS (BLACK)

Decision Rule :**Stated by the customer "3-Declaration of conformity is requested without MU consideration".****Disclaimer Statement :**

-

	TEST	METHOD	RESULT
*	DETERMINATION OF AZO DYES	ISO 14362-1:2017	P

Seal

Assistant Customer Service Team Leader

TUĞBA İHTİYAR

6.12.2023

Laboratory Manager

ERAY ERTAŞ

6.12.2023


P: Pass F: Fail ND: Not Detected X:NA: Not Applicable LS: Lack of Sample NR: No Requirement SC: Still Continue I: Inconclusive

AZOLAB Laboratuvar Hizmetleri A.Ş., accredited by TÜRKAK under registration number AB-1110-T for TS EN ISO/IEC 17025:2017 as test laboratory"

Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports

Test results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test Request Form (PR03-F01) conveyed to us from the Applicant. Test results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of Azolab Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "" are in the Scope of our Accreditation Certificate issued from TÜRKAK according to TS EN ISO/IEC 17025. Analysis as indicated with "" made external laboratory in the Scope of them Accreditation Certificate issued from TÜRKAK according to TS EN ISO/IEC 17025. Possible extra notes may add with starting N¹ to related pages. Tested and remaining samples will be keep in specified terms & conditions at test request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. k=2, 95% confidence interval. This report including, requested by applicant rule applied, this information at specify in the first page. In case the decision rule is applied, the applied test and uncertainty are given with the result table and marked.

PR22-F01/08.10.2015/Rev:11.04.2023-R10

Sayfa 1 / 4

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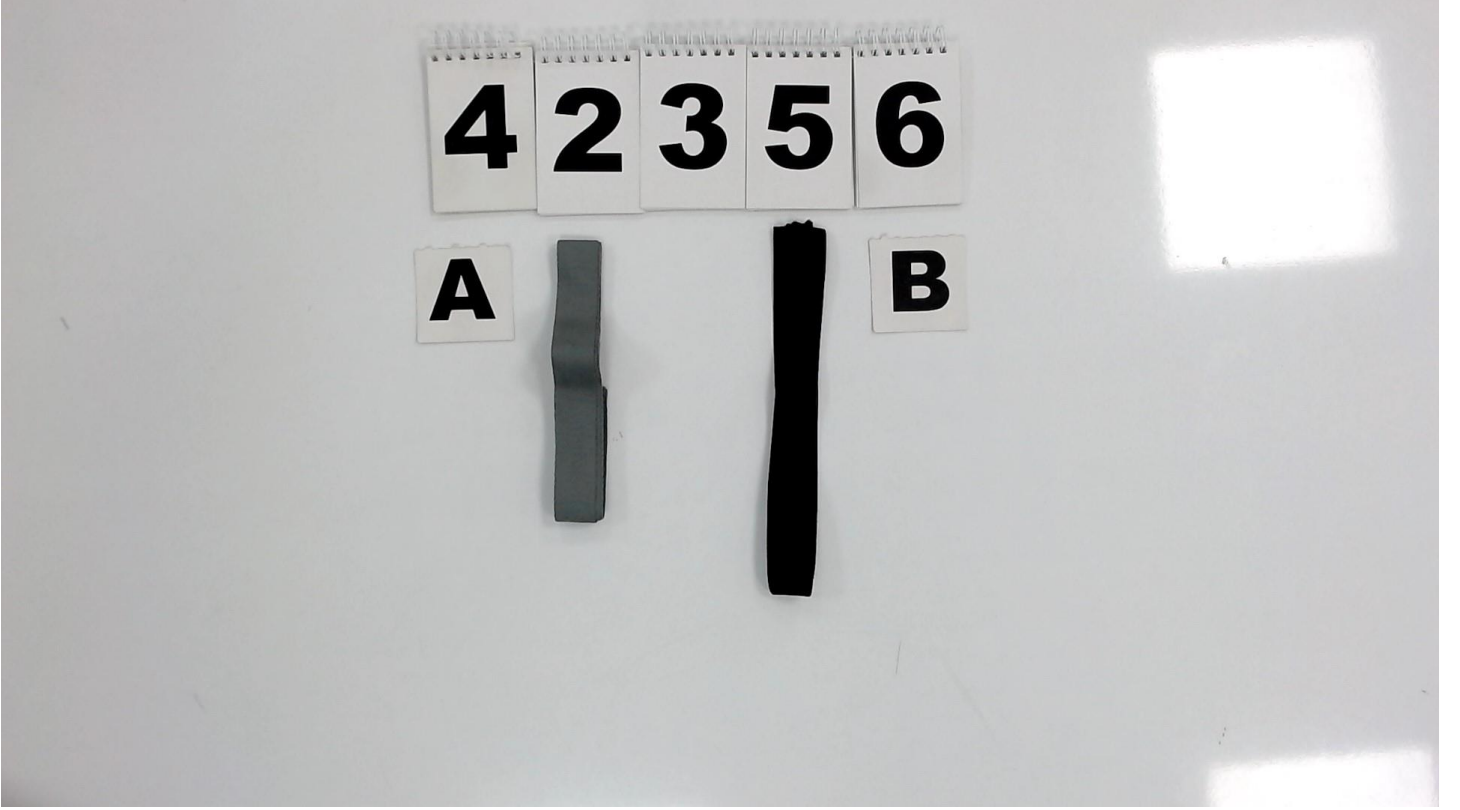
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AB-1110-T

2300042356

12-23

TEST REPORT**Photo of the sample received**

**AZOLAB LABORATUVAR HİZMETLERİ A. Ş.**

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TEST REPORT

Sample ID	Part No.	Part ID	Explanatory Information
A BINDING (GREY) - -	Part 1	Textile grey cord-Pes	
B PULL TABS (BLACK) - -	Part 2	Textile black cord-Pes	

Summary of Results

Parts & Results															
Parts	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DETERMINATION OF AZO DYES	P	P													



AZOLAB LABORATUVAR HİZMETLERİ A. Ş.

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AB-1110-T

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TEST REPORT

DETERMINATION OF AZO DYES

ISO 14362-1:2017

Tested Parts	Results	Limit Value (ppm)	Evaluation
1+2	< 5	30	PASS

Cot :Contains Natural Fibers
Pes :Contains Disperse Dyes

Limit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 43

Reporting Limit : 5 ppm
< : Less than
ppm (part per million) : mg/kg

Forbidden Compounds :

4- Aminodiphenyl	(CAS No : 92-67-1)	4,4'-Methylen-bis-(2-chloraniline)	(CAS No : 101-14-4)
Benzidine	(CAS No : 92-87-5)	4,4'-oxydianiline	(CAS No : 101-80-4)
4-chloro-o-toluidine	(CAS No : 95-69-2)	4,4'-thiodianiline	(CAS No : 139-65-1)
2-Naphthylamine	(CAS No : 91-59-8)	o-toluidine	(CAS No : 95-53-4)
o-amino-azotoluene	(CAS No : 97-56-3)	2,4-toluylenediamine	(CAS No : 95-80-7)
2-amino-4-nitrotoluene	(CAS No : 99-55-8)	2,4,5-trimethylaniline	(CAS No : 137-17-7)
p-chloroaniline	(CAS No : 106-47-8)	o-anisidine	(CAS No : 90-04-0)
2,4-diaminoanisole	(CAS No : 615-05-4)	p-cresidine	(CAS No : 120-71-8)
4,4'-diamino-diphenylmethane	(CAS No : 101-77-9)	3,3'-Dimethylbenzidine	(CAS No : 119-93-7)
3,3'-Dichlorobenzidine	(CAS No : 91-94-1)	4-aminoazobenzene(4-aab)***	(CAS No : 60-09-3)
3,3'-Dimethoxybenzidine	(CAS No : 119-90-4)	4,4'-methylenedi-o- toluidine	(CAS No : 838-88-0)
2,4 Xylidine	(CAS No : 95-68-1)	2,6 Xylidine	(CAS No : 87-62-7)

***Azo colorants that are able to form 4-aminoazobenzene generate under the condition of this method aniline and/or 1,4-phenylenediamine. The presence of 4-aminoazobenzene releasing colorants should be tested by ISO 14362-3:2017.

The results have been determined by the device of Gas Chromatography - Mass Spectroscopy (GC- MS)


AZOLAB LABORATUVAR HİZMETLERİ A. Ş.

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Test
TS EN ISO/IEC 17025
AB-1110-T

AB-1110-T

2400006009

02-24

TEST REPORT
Overall Rating:
PASS

Report Nr / Revision Nr :

2400006009

Applicant :

CMF AYAKKABICILIK SAN.VE TİC.A.Ş

Applicant Address :

SEYMEN YOLU CAD. CEDİT ALİ PAŞA MAHALLESİ NO:9/1 59740
MARMARAEREĞLİSİ / TEKİRDAĞ
Yelda GÜLTEKİN

Contact Person :

Contact Telephone :

Contact Fax :

Contact e-mail :

quality@cmfboots.com

Sample Accepted on :

7.02.2024

Test Resulted Date :

9.02.2024

Date Release Report :

9.02.2024

Total number of pages :

8

Sample ID :

BLACK-ORANGE-GREEN-RED-YELLOW 1 SHOES

Original Report nr :

-

Explanation

TROYA&JOB MASTER ORANGE-RED-GREEN-YELLOW WITH BLACK SOLE THERMO-GREEN TPU INSERTS

Decision Rule :

Stated by the customer "3-Ölçüm belirsizliği dahil edilmeden" uygunluk beyanı verilmesini istediğini.

Disclaimer Statement :

-

	TEST	METHOD	RESULT
*	PHthalATES	ISO 14389:2022	P
*	DETERMINATION OF PAH's	AfPS GS:2019:01	P

Seal

Assistant Customer Service Team Leader

TUĞBA İHTİYAR

9.02.2024

Laboratory Manager

ERAY ERTAŞ

9.02.2024



P: Pass **F:** Fail **ND:** Not Detected **X:NA:** Not Applicable **LS:** Lack of Sample **NR:** No Requirement **SC:** Still Continue **I:** Inconclusive

AZOLAB Laboratuvar Hizmetleri A.Ş., accredited by TÜRKAK under registration number AB-1110-T for TS EN ISO/IEC 17025:2017 as test laboratory"

Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports

Test results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test Request Form (PR03-F01) conveyed to us from the Applicant. Test results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of Azolab Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "" are in the Scope of our Accreditation Certificate issued from TÜRKAK according to TS EN ISO/IEC 17025. Analysis as indicated with "" made external laboratory in the Scope of them Accreditation Certificate issued from TÜRKAK according to TS EN ISO/IEC 17025. Possible extra notes may add with starting N¹ to related pages. Tested and remaining samples will be keep in specified terms & conditions at test request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. k=2, 95% confidence interval. This report including, requested by applicant rule applied, this information at specify in the first page. In case the decision rule is applied, the applied test and uncertainty are given with the result table and marked.

PR22-F01/08.10.2015/Rev:11.04.2023-R10

Sayfa 1 / 8

AZOLAB LABORATUVAR HİZMETLERİ A. Ş.

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TEST REPORT

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Photo of the sample received

AZOLAB LABORATUVAR HIZMETLERİ A. Ş.

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TEST REPORT

Sample ID	Part No.	Part ID	Explanatory Information
A SHOES - - BLACK-ORANGE-GREEN-RED-YELLOW-WHITE	Part 1	Plastic green upper part	
A	Part 2	Plastic orange upper part	
A	Part 3	Plastic red piece	
A	Part 4	Plastic red upper part	
A	Part 5	Plastic yellow upper part	
A	Part 6	Plastic navy blue sole	
A	Part 7	Plastic white outside part	
A	Part 8	Plastic black upper part	
A	Part 9	Coated textile red inner surface	

Summary of Results

Parts & Results															
Parts	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
PHthalates	P	P	P	P	P	P	P	P	P						
DETERMINATION OF PAH's	X	X	X	X	X	P	P	P	P						



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02-24

TEST REPORT

PHTHALATES

ISO 14389:2022

Tested Parts	Result (ppm)	Result (%)	Total Results (ppm)	Total Results (%)	Limit Value (ppm)	Limit Value (%)	Extraction Method	Evaluation
3+5+2	< 50	<0.005	< 50	<0.005	Total : 1000	Total : 0.1	-	PASS
1+4	< 50	<0.005	< 50	<0.005	Total : 1000	Total : 0.1	-	PASS
6+7 ^{N1}	< 60	<0.006	< 60	<0.006	Total : 1000	Total : 0.1	-	PASS
8 ^{N2}	< 60	<0.006	< 60	<0.006	Total : 1000	Total : 0.1	-	PASS
9 ^{N2}	< 60	<0.006	< 60	<0.006	Total : 1000	Total : 0.1	-	PASS

N1: This test was performed with the sample submitted on 13.12.2023.This result was transferred from report 2300043423.

N2: This test was performed with the sample submitted on 11.09.2023.This result was transferred from report 2300031649.

Limit Value : It is given by the EU Regulation 1907/2006 (REACH).

: Total phthalates 1000ppm (% 0.1)

Reporting Limit : 50 ppm (% 0.005)

< : Less than

ppm (part per million) : mg/kg

Forbidden Compounds :

Di-iso-nonyl phthalate	(DINP)	(CAS No : 28553-12-0 /68515-48-0)
Di-isodecyl phthalate	(DIDP)	(CAS No : 26761-40-0/68515-49-1)
Di-n-octyl phthalate	(DNOP)	(CAS No : 117-84-0)
Di-(2-ethylhexyl)-phthalate	(DEHP)	(CAS No : 117-81-7)
Dibutylphthalate	(DBP)	(CAS No : 84-74-2)
Butylbenzyl phthalate	(BBP)	(CAS No : 85-68-7)
Bis-iso-butyl phthalate	(DIBP)	(CAS No : 84-69-5)
Bis cyclohexyl ester	(DCHP)	(CAS No : 84-61-7)
Bis-n-pentylester	(DPP/DPENP)	(CAS No : 131-18-0)
di iso heptyl phthalate	(DIHP)	(CAS No : 71888-89-6)
Bis methyl glycol ester	(DMEP)	(CAS No : 117-82-8)
Bis isophentylester	(DIPP(DNPP))	(CAS No : 605-50-5)
Bis hexyl ester	(DNHP(DHEXP))	(CAS No : 84-75-3)

Gas Chromatography - Mass Spectroscopy (GC- MS), results have been determined by the device



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AB-1110-T

2400006009

02-24

TEST REPORT

PAH (POLI AROMATİK HİDROKARBONLAR)

AfPS GS:2019:01

Tested Parts	Result (ppm)	Total Result (ppm)	Limit Value (ppm)	Evaluation
6+7 ^{N1}	< 0.10	< 0.10	It is given below	PASS
8 ^{N2}	< 0.10	< 0.10	It is given below	PASS
9 ^{N2}	< 0.10	< 0.10	It is given below	PASS

N1: This test was performed with the sample submitted on 13.12.2023.This result was transferred from report 2300043423.

N2: This test was performed with the sample submitted on 11.09.2023.This result was transferred from report 2300031649.

LLimit Value : It is given by the EU Regulation 1907/2006 (REACH), Annex XVII Entry 50.
For each compounds : 1 ppm

Reporting Limit : 0.1 ppm
< : Less than
ppm (part per million) : mg/kg

Controlled Compounds:

Benzo(e)pyrene	(CAS No: 192-97-2)	Benz[a]anthracene	(CAS No: 56-55-3)
Chrysene	(CAS No: 218-01-9)	Benzo[k]fluoranthene	(CAS No: 207-08-9)
Benzo[j]fluoranthene	(CAS No: 205-82-3)	Benzo[a]pyrene	(CAS No: 50-32-8)
Dibenz[a,h]anthracene	(CAS No: 53-70-3)	Benz[b]fluoranthene	(CAS No: 205-99-2)

The results have been determined by the device of Gas Chromatography - Mass Spectroscopy (GC- MS)

ANALYSIS REPORT

BA - 3903/2022

ISCO CELIK AYAKKABI TEKSTIL MAMULLERI SAN.VETIC LT

AYDINLI SB MAH. 6 SOK. 6

1B01 TUZLA

ISTANBUL

TR

BA - 3903/2022

(São João Madeira - Física)
(São João Madeira - Química)

General Data

Date of reception:	06/06/2022	Date conditioning:	06/06/2022
Date of testing start:	07/06/2022	Date of testing conclusion:	23/06/2022
		Issue Report:	24/06/2022

Material(s):

Item	Material description:	Reference
1	Two pairs of toe caps, size 6	701 - Type A
2	Two pairs of toe caps, size 7	701 - Type A
3	Two pairs of toe caps, size 8	701 - Type A
4	Two pairs of toe caps, size 9	701 - Type A
5	Two pairs of toe caps, size 10	701 - Type A
6	Two pairs of toe caps, size 11	701 - Type A
7	Two pairs of toe caps, size 12	701 - Type A



Test Results

Test	Standard	Unit	Item	Result	Specification	Conformity	Note
------	----------	------	------	--------	---------------	------------	------

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Finishing

Free from burrs or sharp edges	ISO22568-1-4.2-2020	--		Yes	Yes	Pass	
Free from surface marks or defects	ISO22568-1-4.2-2020	--		Yes	Yes	Pass	

Internal length of metallic toecaps

Size 6	ISO22568-1-5.2-2020	mm	1	39(+/-0,1) / 39(+/-0,1)	min 36	Pass	b
Size 7	ISO22568-1-5.2-2020	mm	2	43(+/-0,1) / 43(+/-0,1)	min 38	Pass	b

ANALYSIS REPORT

BA - 3903/2022



Test	Standard	Unit	Item	Result	Specification	Conformity	Note
Size 8	ISO22568-1-5.2-2020	mm	3	43(+/-0,1) / 43(+/-0,1)	min 39	Pass	b
Size 9	ISO22568-1-5.2-2020	mm	4	44(+/-0,1) / 43(+/-0,1)	min 40	Pass	b
Size 10 and above	ISO22568-1-5.2-2020	mm	5	45(+/-0,1) / 45(+/-0,1)	min 42	Pass	b
Size 10 and above	ISO22568-1-5.2-2020	mm	6	46(+/-0,1) / 45(+/-0,1)	min 42	Pass	b
Size 10 and above	ISO22568-1-5.2-2020	mm	7	48(+/-0,1) / 48(+/-0,1)	min 42	Pass	b
Width of flange	ISO22568-1-5.2-2020	mm	1	< 12 / < 12	max 12	Pass	b
Width of flange	ISO22568-1-5.2-2020	mm	2	< 12 / < 12	max 12	Pass	b
Width of flange	ISO22568-1-5.2-2020	mm	3	< 12 / < 12	max 12	Pass	b
Width of flange	ISO22568-1-5.2-2020	mm	4	< 12 / < 12	max 12	Pass	b
Width of flange	ISO22568-1-5.2-2020	mm	5	< 12 / < 12	max 12	Pass	b
Width of flange	ISO22568-1-5.2-2020	mm	6	< 12 / < 12	max 12	Pass	b
Width of flange	ISO22568-1-5.2-2020	mm	7	< 12 / < 12	max 12	Pass	b
Impact resistance of metallic toecap (clearance under toecap)							
Size 6	ISO22568-1-5.3-2020	mm	1	20,5 / 21,5	min 20,0	Pass	b/c
Size 7	ISO22568-1-5.3-2020	mm	2	24,5 / 25,0	min 20,5	Pass	b/d
Size 8	ISO22568-1-5.3-2020	mm	3	22,0 / 23,0	min 21,0	Pass	b/e
Size 9	ISO22568-1-5.3-2020	mm	4	24,5 / 24,5	min 21,5	Pass	b/f
Size 10 and above	ISO22568-1-5.3-2020	mm	5	26,5 / 27,0	min 22,0	Pass	b/g
Size 10 and above	ISO22568-1-5.3-2020	mm	6	26,5 / 27,0	min 22,0	Pass	b/h
Size 10 and above	ISO22568-1-5.3-2020	mm	7	27,0 / 28,0	min 22,0	Pass	b/i
Compression resistance (clearance under toecap)							
Size 6	ISO22568-1-5.4-2020	mm	1	28,0 / 28,0	min 20,0	Pass	b/j
Size 7	ISO22568-1-5.4-2020	mm	2	28,0 / 27,5	min 20,5	Pass	b/k
Size 8	ISO22568-1-5.4-2020	mm	3	28,0 / 28,0	min 21,0	Pass	b/l
Size 9	ISO22568-1-5.4-2020	mm	4	28,0 / 28,0	min 21,5	Pass	b/j
Size 10 and above	ISO22568-1-5.4-2020	mm	5	28,0 / 28,0	min 22,0	Pass	b/k
Size 10 and above	ISO22568-1-5.4-2020	mm	6	27,5 / 28,0	min 22,0	Pass	b/l
Size 10 and above	ISO22568-1-5.4-2020	mm	7	28,0 / 28,0	min 22,0	Pass	b/m
Corrosion resistance of the metal toe cap: number and area of corrosion							
-- --	ISO22568-1-5.5-2020	-		without corrosion areas	< 3 corrosion areas < 2,0 mm in any direction	Pass	



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ANALYSIS REPORT

BA - 3903/2022



Notes:

- a The uncertainty calculation, presented within brackets, was performed according to the documents DOC ISO GUM e ISO 5725-2 and wasn't taken into account in the declaration of conformity. The uncertainty value was calculated and is expressed by the standard uncertainty multiplied by the expansion factor $K = 2$, which for a normal distribution corresponds to an expansion probability of approximately 95%.
- b Right foot / Left foot
- c Result with associated uncertainty: 20,5 (+/-0,02) / 21,5 (+/-0,01)
- d Result with associated uncertainty: 24,5 (+/-0,02) / 25,0 (+/-0,02)
- e Result with associated uncertainty: 22,0 (+/-0,01) / 23,0 (+/-0,1)
- f Result with associated uncertainty: 24,5 (+/-0,01) / 24,5 (+/-0,1)
- g Result with associated uncertainty: 26,5 (+/-0,01) / 27,0 (+/-0,1)
- h Result with associated uncertainty: 26,5 (+/-0,1) / 27,0 (+/-0,1)
- i Result with associated uncertainty: 27,0 (+/-0,01) / 28,0 (+/-0,02)
- j Result with associated uncertainty: 28,0 (+/-0,01) / 28,0 (+/-0,01)
- k Result with associated uncertainty: 28,0 (+/-0,01) / 28,0 (+/-0,1)
- l Result with associated uncertainty: 27,5 (+/-0,1) / 28,0 (+/-0,01)
- m Result with associated uncertainty: 28,0 (+/-0,01) / 28,0 (+/-0,01)
- n Compression load: $15 \pm 0,1$ kN
- o Energy level: 200 ± 2 J

Relevant additional information:

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Sampling is responsibility of the customer and is out the scope of accreditation. The sample was analyzed as received.

All information about the sample description is the customer's responsibility.

Supervisor of Testing Report

Isabel Gonçalves

(Head of Physical Testing SJM)



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LABORATUVAR & BELGELENDİRME

TASEV LABORATUVAR VE
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End.Mes.Lisesi Sitesi No:94B
Küçükçekmece/İstanbul/TÜRKİYE
Tel: 0 212 698 16 77Faks: 0 212 698 19
62Deney Raporu
(Test Report)

AB-0160-T

2400001911-
REV01

08-24

Report No :	2400001911
Customer name/ adresss :	CMF AYAKKABICILIK SAN.VE TİC.A.Ş. CEDİT ALİ PAŞA MAH.SEYMEYEN YOLU CAD. N:9/1 MARMARA EREĞLİ / TEKİRDAĞ
Second parties :	-
Name of test item :	FOOTBED
Sample Acceptance /	
Test Start Date:	21.08.2024
Test finish date :	27.08.2024
Number pages of the Report :	3
Report status :	PASS
Decision Rule :	The Simple Decision Rule was applied in the evaluation of the declaration of conformity.
Waiver Statement :	-
Remarks :	Test results were evaluated according to TS EN ISO 20345:2022/Amd.1:2024 and TS EN ISO 20347:2022/ Amd.1:2024. <i>The zeroth version of this report dated 22.08.2024 is invalid. If used, our laboratory does not assume any legal responsibility. The revised location(s) are shown in italics. The report has been revised upon the customer's request.</i>

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The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Seal	Report Issue Date 27.08.2024	Reporting Responsible Personel Dilek ÖLMEZ	Laboratory Manager Öznur DOĞAN Confirmation Date 27.08.2024
------	---------------------------------	---	--

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Tel: 0 212 698 16 77Faks: 0 212 698 19 62

Deney Raporu
(Test Report)

AB-0160-T

2400001911-
REV01

08-24

Sample Photo



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Tel: 0 212 698 16 77Faks: 0 212 698 19 62Deney Raporu
(Test Report)

AB-0160-T

2400001911-
REV01

08-24

Sample Definition: *FOOTBED*

Determination of Insole and Outsole Thickness

TS EN ISO 20344:December 2021/Amd.1:March 2024 Matter 7.1

Parameter	Test Results	Requirements	Evaluation
Thickness (mm)	3,5	When tested in accordance with ISO 20344:2021, Clause 7.1, the thickness of the sole liner or outsole or the sole liner/outcrop combination shall not be less than 2.0 mm.	PASS

Experiment Preparation Conditions: 23±2 °C, 50±5 %BN and duration : 24 hours

Test Conditions: 23±2 °C, 50±5 %BN

Measurement Uncertainty: ±6,05%

Test piece	Thickness (mm)
1	3,6
2	3,6
3	3,4



KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
 Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
 Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
 (TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2309085-R2

11-23

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Defination and Quantity):		Techno Troya Boots PU S4, S5, O4, O5 Model ve PU/TPU S4, S5, O4, O5 Model Tasarım C ve Tasarım D Çizmede Kullanılan Astar, 50x50 cm Ebadında 2 Adet (Containing Lining Techno Troya Boots PU S4, S5, O4, O5 Model and PU/TPU S4, S5, O4 O5 Model Boots Design C and Design D, 2 Pieces 50X50 cm Size)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)		—	
	Müşteri Kodu (Customer Code):		—	
	#KTT Kodu (#KTT Code):		2309085	
	Kabul Durumu (Acceptance Status):		Kabul (Accepted)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)		28.09.2023-12:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/ Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)		CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):		Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi /TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/ Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)		28.09.2023	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)		04.10.2023	
	Rapor No: (Report Number)	2309085-R2	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))	3

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

Not: Bu test/analiz sonuç raporu 2309085-R1 kod ve 06.10.2023 tarih ile tanımlı raporun yeni baskısıdır ve önceki baskıyı geçersiz kılar. Gereklik limit değerinde revizyon yapılmıştır.

- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.** (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırılığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.** (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Laboratuvar Sorumlusu
Person in Charge of Laboratory

Onaylayan/Approval

Tarih/Date

13.11.2023

KARADENİZ TEKNİK TEST MENKİ

KARADENİZ TEKNİK TEST TİC. LTD. ŞTİ.
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 Ticaret Sicil No: 19922 Mersis No: 0509 0941 1800 0001

13.11.2023

Eser KURT

Samet AKYÜZ

Müdür
Manager


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2309085-R2

11-23


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Astarın Aşınma Direncinin Tayini (Determination of abrasion resistance of lining)	TS EN ISO 20344:2021-6.12	Herhangi Bir Delik Oluşmamalıdır. (Shall not develop any holes.) TS EN ISO 20345:2022-5.5.3	Kuru (Dry) 51200 Çevrim (Cycle) Delinme meydana gelmemiştir. (Not develop any holes.) Islak (Wet) 25600 Çevrim (Cycle) Delinme meydana gelmemiştir. (Not develop any holes.)	—	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH)
- Numune yönü müşteri tarafından belirtilmiştir. (Sample direction specified by customer)

Kuru (Dry)	
Deney Parçası (Experiment Piece)	Sonuç (Result)
1	Delinme meydana gelmemiştir. (Not develop any holes.)
2	Delinme meydana gelmemiştir. (Not develop any holes.)
3	Delinme meydana gelmemiştir. (Not develop any holes.)
4	Delinme meydana gelmemiştir. (Not develop any holes.)

Islak (Wet)	
Deney Parçası (Experiment Piece)	Sonuç (Result)
1	Delinme meydana gelmemiştir. (Not develop any holes.)
2	Delinme meydana gelmemiştir. (Not develop any holes.)
3	Delinme meydana gelmemiştir. (Not develop any holes.)
4	Delinme meydana gelmemiştir. (Not develop any holes.)


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2309085-R2

11-23

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyzes marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)

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TEST MARKETİ
KARADENİZ TEKNİK TEST TİC. LTD. ŞTİ.
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KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
 Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
 Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
 (TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2311017

11-23

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Techno Troya Boots PU S4, S5, O4, O5 Model ve PU/TPU S4, S5, O4, O5 Model Tasarım C ve D Çizmelerde Kullanılan Mostra, 9 Çift S-M-L (Containing Insock Techno Troya Boots PU S4, S5, O4, O5 Model and PU/TPU S4, S5, O4, O5 Model Design C and D Boots, 9 Pairs S-M-L)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—	
	Müşteri Kodu (Customer Code):	—	
	#KTT Kodu (#KTT Code):	2311017	
	Kabul Durumu (Acceptance Status):	Kabul (Accepted)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	03.11.2023-11:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraeğlisi /TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	03.11.2023	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	11.11.2023	
	Rapor No: (Report Number)	2311017	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is)) 3

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- **Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.** (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- **Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.** (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Laboratuvar Sorumlusu
Person in Charge of Laboratory

Onaylayan/Approval

Tarih/Date
13.11.2023

KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

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 Ticaret Sicil No: 19922 Mersis No: 0509 09411800 0001

Release Date
13.11.2023

Eser KURT

Samet AKYÜZ
 Müdür
 Manager


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2311017

11-23


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gerekliklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Mostranın Aşınma Direncinin Tayini (Determination of abrasion resistance of insock)	TS EN ISO 20344:2021-6.12	Herhangi Bir Delik Oluşmamalıdır. (Shall not develop any holes.) TS EN ISO 20345:2022-5.7.4.2	Kuru (Dry) 25600 Çevrim (Cycle) Delinme meydana gelmemiştir. (Not develop any holes.) Islak (Wet) 12800 Çevrim (Cycle) Delinme meydana gelmemiştir. (Not develop any holes.)	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH)

Kuru (Dry)	
Deney Parçası (Experiment Piece)	Sonuç (Result)
1	Delinme meydana gelmemiştir. (Not develop any holes.)
2	Delinme meydana gelmemiştir. (Not develop any holes.)
3	Delinme meydana gelmemiştir. (Not develop any holes.)
4	Delinme meydana gelmemiştir. (Not develop any holes.)

Islak (Wet)	
Deney Parçası (Experiment Piece)	Sonuç (Result)
1	Delinme meydana gelmemiştir. (Not develop any holes.)
2	Delinme meydana gelmemiştir. (Not develop any holes.)
3	Delinme meydana gelmemiştir. (Not develop any holes.)
4	Delinme meydana gelmemiştir. (Not develop any holes.)



KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2311017

11-23

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyzes marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)



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KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
 Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
 Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
 (TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2311038

11-23

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Techno Troya Boots PU S4, S5, O4, O5 Model ve PU/TPU S4, S5, O4, O5 Model Tasarım C ve D Çizimlerde Kullanılan Astar Malzemesi, 2 Adet 50X50 cm Boyutunda (Lining Material Used in Techno Troya Boots PU S4, S5, O4, O5 Model and PU/TPU S4, S5, O4, O5 Model Design C and D Boots, 2 Pieces 50X50 cm Size)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—	
	Müşteri Kodu (Customer Code):	—	
	#KTT Kodu (#KTT Code):	2311038	
	Kabul Durumu (Acceptance Status):	Kabul (Accepted)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	13.11.2023-11:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi /TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	13.11.2023	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	14.11.2023	
	Rapor No: (Report Number)	2311038	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is)) 2

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir. (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır. (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Laboratuvar Sorumlusu
Person in Charge of Laboratory

Onaylayan/Approval

KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Release Date

Tarih/Date

KARADENİZ TEKNİK TEST TİC. LTD. ŞTİ.
 Üniversite Mah. Hastane Cad. Trabzon Teknokent Apt.
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 Ticaret Sicil No: 19922 Mersis No: 0509 0941 1800 0001

14.11.2023

Eser KURT

Samet AKYÜZ
 Müdür
 Manager


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2311038

11-23


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Lastik veya Plastik Kaplı Kumaşlar-Yırtılma Mukavemeti Tayini (Rubber or plastics coated fabrics -Determination of tear resistance)	TS EN ISO 20344:2021-6.3/ TS EN ISO 4674-1:2016 Metot-B	≥15 N TS EN ISO 20345:2022-5.5.2	17,8 N	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: Temperature (23±2) °C and (50±5) % RH),
- Çene Ayırma Hızı: 100±10 mm/dk (Jaw Separation Speed: 100±10 mm/min),
- Numune yönü laboratuvar tarafından belirlenmiştir. (The sample direction was determined by the laboratory.),
- Her bir test numunesi için, 2 test parçası aynı yönde ve bir test parçası dikey yönde olarak hazırlanmıştır. (For each test piece, 2 test pieces were prepared in the same direction and one test piece in the vertical direction.)

- (*) İşaretili testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyses marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) k=2 olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of k=2.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)


KARADENİZ TEKNİK TEST TİC. LTD. ŞTİ.

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Ticaret Sicil No: 19922 Mersis No: 0509 0941 1800 0001

Doküman Kodu: MD-FR-005

Rev.No/Tarihi: 07/20.03.2023

Sayfa/Page 2/2



KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2408042-R1

08-24

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Marka (Brand): Techno Boots Türü: Safety Boots, Sınıf II (Type: Safety Boots, Class II) Model: Jobmaster, PU/PU Taban D Tasarımı Yeşil/Siyah (Model: Jobmaster, PU/PU Sole D Design Green/Black) Kategori: Mostra (3 Çift) (Category: Insock (3 Pairs))	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—	
	Müşteri Kodu (Customer Code):	—	
	#KTT Kodu (#KTT Code):	2408042	
	Kabul Durumu (Acceptance Status):	Kabul (Accepted)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	15.08.2024-13:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi/TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	15.08.2024	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	17.08.2024	
	Rapor No: (Report Number)	2408042-R1	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is)) 3

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- Not: Bu test/analiz sonuç raporu 2408042 kod ve 19.08.2024 tarih ile tanımlı raporun yeni baskısıdır ve önceki baskıyı geçersiz kılar. Numune bilgileri kısmında İngilizce tanım değiştirildiğinden dolayı revizyon yapılmıştır.** (Note: This test/analysis result report is the new edition of the report defined with the code 2408042 and date 19.08.2024 and overrides the previous edition. A revision has been made in the sample information section because the English definition has changed.)
- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.** (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.** (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Release Date

23.08.2024

Laboratuvar Sorumlusu

Person in Charge of Laboratory

Eser KURT

Onaylayan/Approval

Tarih/Date

23.08.2024

Eser KURT

Müdür V.

Manager



Doküman Kodu: MD-Test-005
Revizyon: 02/2024
Revizyon Tarihi: 07/2024

Sayfa/Page 1/3


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

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Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Mostranın Su Absorpsiyonunun Tayini (Determination of water absorption of insock)	TS EN ISO 20344:2021+A1:2024- 7.2	$\geq 70 \text{ mg/cm}^2$ TS EN ISO 20345:2022+A1:2024-5.7.3	80 mg/cm ²	-	UYGUN (SATISFACTORY)
Mostranın Su Desorpsiyonunun Tayini (Determination of water desorption of insock)		≥ 80 TS EN ISO 20345:2022+A1:2024-5.7.3	%100		

Açıklamalar (Descriptions):

- Test öncesi koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH),
- Uygulanan Kuvvet: 80±5 N (Applied force: 80±5 N),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	W _A / mg/cm ²	W _D / %
1	99	100
2	80	100
3	105	100

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyses marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numune/ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definition and photo/photos are presented in this report.)

Doküman Kodu: MD-FR-005
Rev.No/Tarih: 07/20.03.2023

E-mail: info@karadeniztekniktest.com Tel: +90 (850) 850 58 86 Web: karadeniztekniktest.com




KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

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- **Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir.**
(Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- **Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır.**
(Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)



SGS



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Job No./Report No TR2519575 Date: 22 July 2024 Page 1 of 7

CMF AYAKKABICILIK SAN VE TIC AS

CEDİT ALİ PAŞA MAH SEYMEN YOLU CAD NO:9/1 MARMARAEREĞLİSİ

TEL: 05334526072

E-MAIL: quality@cmfboots.com

To the attention of Yelda Gültekin

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	Techno Boots Troya Self Cleaning PU S5 GREEN

Client's reference No. : TR 2519575

Buyer : Not Provided

Order No. : Not Provided

Model/Style No. : TROYA SELF CLEANING 1

Brand : TECHO BOOTS

Assemble Construction : Not Provided

Insert Plate : Not Provided

Upper : PU

Quarter Lining : PU COATED FABRIC

Tongue : Not Provided

Lace : Not Provided

Insole : Not Provided

Toe Cap : Not Provided

Sole : PU

Vamp Lining : PU COATED FABRIC

Counter Lining : PU COATED FABRIC

Collar : Not Provided

Sewing Thread : Not Provided

Insock : Not Provided

Protection Category : S5

Size Range : 36-42-49

Age Grade : Not Provided

Manufacturer : CMF AYAKKABICILIK

Country of Origin : Not Provided

Country of Destination : Not Provided

Shipment Date : Not Provided

Fiber Composition : Not Provided

Fabric Weight : Not Provided

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SGS applied shared risk decision rule.

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End Use : Not Provided
 Agency : Not Provided
 Sample Receiving Date : 17 July 2024
 Test Performing Period : 17 July 2024~21 July 2024
 Submitted Care Label Instructions : Not Provided

Overall Conclusion : **PASS**

Test Results : Please refer to the next page(s).

Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

Test Parameters	Result
Physical tests	A
Thickness of Upper	M
Determination of Outsole Dimensions	M
Heal Area	M

Remarks	M = Meets client's requirement
	F = Does not meet client's requirement
	I = Inconclusive
	* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).
	Residual sample can be returned to client if requested.

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The test results relate to the tested items only.

Test reports without SGS seal and authorised signatures are invalid.

Issued in İstanbul

Signed for and on behalf of

SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

SEZİN AYBER

Customer Services Supervisor

FERRUH ŞENER

Customer Services Team Leader



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SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

Bağlar Mah. Osmanpaşa Cad. No:95 İç İstanbul Plaza A Girişi Güneşli 34209 İstanbul Türkiye
t +90 212 368 40 00 f +90 212 296 47 82-83 e sgs.turkey@sgs.com w www.sgs.com.tr

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Determination of Outsole Dimensions¹

Test Method:	ISO 20344:2021+Amd.1:2024 Clause 8.2		
Test Conditions:	Sample Description:	KHAKI BLACK TECHNO TROYA SELF CLEANING BOOT	
	Classification:	Class II	
	Presence of cleat open to the side in the shaded area:	Cleated outsole	
	Assessment Method for test 8.2.2:	ISO 20345:2021+Amd.1:2024 Clause 5.8.2.2	
	Assessment Method for test 8.2.3:	ISO 20345:2021+Amd.1:2024 Clause 5.8.2.1 & 5.8.2.3	
	Assessment Method for test 8.2.4:	ISO 20345:2021+Amd.1:2024 Clause 6.4.3	
Sample ID&Colour:	A: Khaki-Black		

8.2.2 Determination of the Cleated Area	Footwear Size	Cleated area at forepart (%)	Cleated area at heel (%)
	36	48,5	38,2
	42	51,5	37,2
	49	52,9	37,0
Requirement:		Min. 45%	Min. 25%

8.2.3 Outsole Thickness and Cleat Height	Footwear Size	Thickness d1, mm	Cleat Height d2, mm	Thickness d3, mm
	36	5,53	6,24	29,56
	42	6,69	6,09	31,40
	49	5,43	6,18	31,91
Requirement:		≥ 3 mm	≥ 4 mm	≥ 6 mm

8.2.4. Cleat Design in The Seat Area	Footwear Size	Distance a in the waist area, mm	Angle α of the heel breast	Dimension b heel breast height, mm	Cleat height in the waist area d, mm
	36	35,0	102,0	10,02	1,94
	42	42,0	106,0	10,04	1,61
	49	46,0	106,0	10,41	1,50
Requirement:		≥ 35 mm	90° - 120°	≥ 10 mm	≥ 1,5 mm
Uncertainty: ± 5,5 %					

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Heal Area

Test Method: ISO 20345:2021+Amd.1:2024 Clause 5.2.3
 Sample Description: KHAKI BLACK TECHNO TROYA SELF CLEANING BOOT
 Sample ID & Colour: A: Khaki-Black

Footwear Size	Results	Requirement
36	Heel area is closed and no holes other than seams observed below the minimum height	Heel area shall be closed. This area of the upper shall not contain any holes other than to form seams.
42	Heel area is closed and no holes other than seams observed below the minimum height	
49	Heel area is closed and no holes other than seams observed below the minimum height	
Uncertainty: ±5 %		

Thickness of Upper¹

Test Method: ISO 20344:2021+Amd.1:2024 Clause 6.1
 Assessment method: ISO 20345:2021+Amd.1:2024 Clause 5.4.2
 Type of material: Polymeric
 Sample ID & Colour: A: Khaki-Black

Footwear Size	Minimum Thickness (mm)	Requirement
36	3,31	For polymeric: ≥1,0
42	3,29	
49	3,16	
Uncertainty: ±5 %		

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* * *

End of Test Report

* * *

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KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2407013

08-24

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Marka (Brand): Techno Boots Türü: Safety Boots, Sınıf II (Type: Safety Boots, Class II) Model: Troya Self Cleaning PU, Taban D Tasarımı Yeşil/Siyah (Model: Troya Self Cleaning PU, Sole D Design Green/Black) Kategori: 36 (S5, 2 Çift+S5, 1 Çift), 42 (S5, 2 Çift+S5, 1 Çift) ve 49 (S5, 2 Çift+S5, 1 Çift), Toplam 10 Çift S-M-L (Category: 36 (S5, 2 Pairs+S5, 1 Pair), 42 (S5, 2 Pairs+S5, 1 Pair) and 49 (S5, 2 Pairs+S5, 1 Pair), Total 10 Pairs S-M-L)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—	
	Müşteri Kodu (Customer Code):	—	
	#KTT Kodu (#KTT Code):	2407013	
	Kabul Durumu (Acceptance Status):	Kabul (Accepted)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	12.07.2024-15:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi/TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	12.07.2024	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	02.08.2024	
	Rapor No: (Report Number)	2407013	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))
			9

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

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- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır. (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Release Date

02.08.2024

Laboratuvar Sorumlusu

Person in Charge of Laboratory

Eser KURT

Onaylayan/Approval

Tarih/Date

02.08.2024

Samet AKYÜZ

Müdür
Manager

Doküman No: MTK-TR-001
Rev.No/Tarih: 07/20.05.2023

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KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

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Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Belirli Ergonomik Özelliklerin Tayini (Determination of specific ergonomic features)	TS EN ISO 20344:2021+A1:2024- 5.1	Tablonun doldurulması ve tüm yanıtların olumlu olması durumunda ayakkabının ergonomik gereksinimleri karşıladığı kabul edilecektir. (The footwear shall be considered to satisfy the ergonomic requirements, if the table is completed and all answers are positive.) TS EN ISO 20345:2022+A1:2024-5.3.4	Tablo-1'de belirtilmiştir. (Defined in table-1)	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Teste Tabi Tutulmadan Önce Şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.)



Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

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Tablo-1 (Table-1)

	Parametreler (Parameters)	Sonuç (Result)					
		36		42		49	
		EVET (Yes)	HAYIR (No)	EVET (Yes)	HAYIR (No)	EVET (Yes)	HAYIR (No)
1	Ayakkabının iç yüzeyinde tahrişe veya yaralanmaya neden olacak pürüzlü, keskin veya sert alanlar bulunmuyor mu (elle kontrol edilir)? (Is the inside surface of the footwear free from rough, sharp or hard areas that caused you irritation or injury (checked by hand)?)	X		X		X	
2	Ayak giyeceğinin giyilmesini tehlikeli hale getirdiğini düşündüğünüz özellikler bulunmuyor mu? (ör. tokalar, kayışlar veya takılma veya takılma riski oluşturabilecek diğer özellikler) (Is the footwear free of features that you consider make wearing the footwear hazardous? (e.g. buckles, straps or other features that may present a risk of trapping or tripping))	X		X		X	
3	Bağlanmanın mevcut olduğu yerlerde, bağlanma uygun şekilde ayarlanabiliyor mu? (Where fastenings are present, can the fastening be adequately adjusted?)						
4	Aşağıdaki faaliyetler sorunsuz bir şekilde gerçekleştirilebilir mi? (Can the following activities be performed without problems?)						
	4.1 Yürüme (Walking)	X		X		X	
	4.2 Merdiven çıkma (Climbing stairs)	X		X		X	
	4.3 Diz çökme/çömelme (Kneeling/crouching down)	X		X		X	
	4.4 Diz çökme hareketi sırasında sürtünme kepi saya dış ayak ucu bölgesinin yerle temasını önüyor mu? (During kneeling, the scuff cap prevents the contact of the upper external toe region with the ground?)						




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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Kayma Direnci (Slip resistance)	TS EN ISO 20344:2021+A1:2024- 5.14	TS EN ISO 20345:2022+A1:2024-5.3.5.2	Tablo-2'de belirtilmiştir. (Defined in table-2)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning Before Testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature),
- Test yüzeyi CTV değeri: 0,22 Seramik Yüzey (Test Surface CTV Value: 0.22 Ceramic surface),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Kullanılan montaj yöntemi: Standart Ayakkabı Kalıbı (Mounting method used: Standard Shoemaking Last)

Tablo-2 (Table-2)

Kayma Direnci (Geriye Doğru Ön Kısım Kayması) (Slip Resistance (Backward forepart slip)) Seramik Fayans (Ceramic tiles) %0,5 NaLS	Sonuç (Result)	Gereklilik (Requirement)
36-Sağ (36-Right)	0,45	≥0,36
36-Sol (36-Left)	0,46	
42-Sağ (42-Right)	0,42	
42-Sol (42-Left)	0,43	
49-Sağ (49-Right)	0,46	
49-Sol (49-Left)	0,45	
Kayma Direnci (İleri Doğru Topuk Kayma) (Slip Resistance (Forward heel slip)) Seramik Fayans (Ceramic tiles) %0,5 NaLS	Sonuç (Result)	Gereklilik (Requirement)
36-Sağ (36-Right)	0,43	≥0,31
36-Sol (36-Left)	0,41	
42-Sağ (42-Right)	0,38	
42-Sol (42-Left)	0,37	
49-Sağ (49-Right)	0,40	
49-Sol (49-Left)	0,37	




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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Kayma Direnci (Slip resistance)	TS EN ISO 20344:2021+A1:2024- 5.14	TS EN ISO 20345:2022+A1:2024-6.2.10	Tablo-3'de belirtilmiştir. (Defined in table-3)	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test öncesi koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature),
- Test yüzeyi CTV değeri: 0,22 Seramik Yüzey (Test Surface CTV Value: 0.22 Ceramic surface),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Kullanılan Montaj Yöntemi: Standart Ayakkabı Kalıbı (Mounting Method Used: Standard Shoemaking Last)

Tablo-3 (Table-3)

Kayma Direnci (Geriye Doğru Ön Kısım Kayması) (Sleep Resistance (Backward forepart slip))	Sonuç (Result)	Gereklilik (Requirement)
Seramik Fayans (Ceramic tiles)		
Gliserin (Glycerine)		
36-Sağ (36-Right)	0,42	≥0,22
36-Sol (36-Left)	0,42	
42-Sağ (42-Right)	0,36	
42-Sol (42-Left)	0,36	
49-Sağ (49-Right)	0,39	
49-Sol (49-Left)	0,40	

Kayma Direnci (İleri Doğru Topuk Kayma) (Sleep Resistance (Forward heel slip))	Sonuç (Result)	Gereklilik (Requirement)
Seramik Fayans (Ceramic tiles)		
Gliserin (Glycerine)		
36-Sağ (36-Right)	0,44	≥0,19
36-Sol (36-Left)	0,44	
42-Sağ (42-Right)	0,34	
42-Sol (42-Left)	0,34	
49-Sağ (49-Right)	0,42	
49-Sol (49-Left)	0,43	

SR İçin Uygunluk Değerlendirmesi
(Conformity Assessment for SR)

UYGUN
(SATISFACTORY)




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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Dış Tabanın Esneme Direncinin Tayini (Determination of flexing resistance of outsole)	TS EN ISO 20344:2021+A1:2024- 8.6	Kesik genişliği 30 000 esneme çevrimi öncesinde 4 mm'den fazla olmamalıdır. (The cut growth shall be not greater than 4 mm before 30 000 flex cycles.) TS EN ISO 20345:2022+A1:2024-5.8.5	0,3 mm	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH),
- 30±0,5 N Uyg. Yatayla Yap. Açısı: > 45° (Applied 30±0,5 N angle to horizontal: > 45°),
- Test Parça Sayısı: 3 Adet (Number of Test Pieces: 3 Pieces),
- Kendiliğinden oluşan çatlaklar görülmemiştir. (No spontaneous cracks were observed.),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.),

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm
36-Sağ (36-Right)	0,2
42-Sağ (42-Right)	0,3
49-Sağ (49-Right)	0,3

Delinmeye Dirençli Metalik Ara Tabanlı Ayakkabının Delinme Direncinin Tayini (Determination of the perforation resistance of footwear with a metallic perforation resistant insert)	TS EN ISO 20344:2021+A1:2024- 5.9	Dış taban birimini delmek için gerek en düşük değer 1100 N' dan az olmamalıdır. (The lowest value required to perforate the outsole unit shall be not less than 1100 N) TS EN ISO 20345:2022+A1:2024-6.2.1.1.2	1180 N	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Teste tabi tutulmadan önce şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.),
- Cihaz Hızı: 10±3 mm/dk (Device Speed: 10±3 mm/min),
- Raporlanan test sonucu, deney parçalarına ait en kötü değeridir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / N
36-Sağ (36-Right)	1300
36-Sol (36-Left)	1270
42-Sağ (42-Right)	1340
42-Sol (42-Left)	1460
49-Sağ (49-Right)	1240
49-Sol (49-Left)	1180



Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Elektrik Direncinin Tayini (Determination of electrical resistance)	TS EN ISO 20344:2021+A1:2024- 5.13	Kuru ortam (Dry atmosphere); > 10 ⁵ Ω ve ≤10 ⁹ Ω TS EN ISO 20345:2022+A1:2024-6.2.2.2	8,1x10 ⁸ Ω	-	UYGUN (SATISFACTORY)
		Yaş ortam (Wet atmosphere); > 10 ⁵ Ω ve ≤10 ⁹ Ω TS EN ISO 20345:2022+A1:2024-6.2.2.2	3,4x10 ⁸ Ω		UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test öncesi koşullandırma (Kuru ortam): 7 Gün Süreyle, (20±2) °C Sıcaklık ve % (30±5) Bağıl Nem (Conditioning before testing (Dry atmosphere): Temperature (20±2) °C and (30±5) % RH for 7 Days),
- Test öncesi koşullandırma (Yaş ortam): 7 Gün Süreyle, (20±2) °C Sıcaklık ve % (85±5) Bağıl Nem (Conditioning before testing (Wet atmosphere): Temperature (20±2) °C and (85±5) % RH for 7 Days),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: Temperature (23±2) °C and (50±5) %),
- Test parça sayısı: 6 Adet (Number of test pieces: 6 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.),

Kuru Şart İçin (For Dry Condition)	
Deney Parçası (Experiment Piece)	Sonuç (Result)/ Ω
36-Sağ (36-Right)	5,4x10 ⁸
36-Sol (36-Left)	4,9x10 ⁸
42-Sağ (42-Right)	6,4x10 ⁸
42-Sol (42-Left)	5,0x10 ⁸
49-Sağ (49-Right)	8,1x10 ⁸
49-Sol (49-Left)	8,0x10 ⁸

Islak Şart İçin (For Wet Condition)	
Deney Parçası (Experiment Piece)	Sonuç (Result)/ Ω
36-Sağ (36-Right)	2,0x10 ⁸
36-Sol (36-Left)	1,9x10 ⁸
42-Sağ (42-Right)	1,7x10 ⁸
42-Sol (42-Left)	1,8x10 ⁸
49-Sağ (49-Right)	2,3x10 ⁸
49-Sol (49-Left)	3,4x10 ⁸




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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Soğuğa Karşı Yalıtım Tayini (Determination of insulation against cold)	TS EN ISO 20344:2021+A1:2024- 5.16	Taban astarının üst yüzeyindeki sıcaklık düşüşü 10 °C'den fazla olmamalıdır. (The temperature drop on the upper surface of the insole should not be more than 10 °C.) TS EN ISO 20345:2022+A1:2024-6.2.3.2	5,5 °C	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning Before Testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: -17±2 °C (Test Conditions: -17±2 °C),
- Test Süresi: 30±1 dk (Test Period: 30±1 min),
- Test Parça Sayısı: 2 Adet (Number of Test Pieces: 2 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / °C
36-Sol (36-Left)	4,5
42-Sol (42-Left)	5,5

Topuk Bölgesinin Enerji Absorpsiyonunun Tayini (Determination of energy apsorption of the seat region)	TS EN ISO 20344:2021+A1:2024- 5.17	Ayak topuğunun ökçeye basma bölgesinin enerji soğurması 20 J'den az olmamalıdır. (The energy absorption of the seat region shall be not less than 20 J.) TS EN ISO 20345:2022+A1:2024-6.2.4	35 J	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Yük Hücresi: 5000±50 N (Load Cell: 5000±50 N),
- Test Hızı: 10±3 mm/dk (Test Speed: 10±3 mm/min),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.).

Deney Parçası (Experiment Piece)	Sonuç (Result) / J
36-Sağ (36-Right)	37
36-Sol (36-Left)	35
42-Sağ (42-Right)	35
42-Sol (42-Left)	36
49-Sağ (49-Right)	44
49-Sol (49-Left)	41




KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

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- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)




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Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
Aptmanı No:19B/2104 Ortahisar/TRABZON


TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

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Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Marka (Brand): Techno Boots Türü: Safety Boots, Sınıf II (Type: Safety Boots, Class II) Model: Troya Self Cleaning PU, Taban D Tasarımı Yeşil/Siyah (Model: Troya Self Cleaning PU, Sole D Design Green/Black) Kategori: 36 (S4, 3 Çift+O4, 2 Çift+1 Sağ), 42 (S4, 3 Çift+1 Sol+O4, 2 Çift) ve 49 (S4, 4 Çift+1 Sağ+O4, 1 Çift), Toplam 16 Çift S-M-L (Category: 36 (S4, 3 Pairs+O4, 2 Pair+1 Right), 42 (S4, 3 Pairs+1 Left+O4, 2 Pair) and 49 (S4, 4 Pairs+1 Right+O4, 1 Pair), Total 16 Pairs S-M-L)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	-	
	Müşteri Kodu (Customer Code):	-	
	#KTT Kodu (#KTT Code):	2407014	
	Kabul Durumu (Acceptance Status):	Kabul (Accepted)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	12.07.2024-15:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraeğlisi/TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	12.07.2024	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	02.08.2024	
	Rapor No: (Report Number)	2407014	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

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Kaşe/Seal

Yayımlandığı Tarih

Release Date

02.08.2024

Laboratuvar Sorumlusu

Person in Charge of Laboratory

Eser KURT

Onaylayan/Approval

Tarih/Date

02.08.2024

Samet AKYÜZ

Müdür
Manager

Revizyon: 01/2023
Revizyon: 01/2023

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Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Sızdırmazlığın Tayini (Determination of leak proofness)	TS EN ISO 20344:2021+A1:2024- 5.7	Hava sızdırması olmamalıdır. (There shall be no leakage of air.) TS EN ISO 20345:2022+A1:2024-5.3.3	Hava kabarcığı görülmedi. (No air bubbles were seen.)	—	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature)

Deney Parçası (Experiment Piece)	Sonuç (Result)
42-Sol O4 (42-Left O4)	Hava kabarcığı görülmedi. (No air bubbles were seen.)
49-Sol S4 (49-Left S4)	Hava kabarcığı görülmedi. (No air bubbles were seen.)




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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gerekliklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Belirli Ergonomik Özelliklerin Tayini (Determination of specific ergonomic features)	TS EN ISO 20344:2021+A1:2024- 5.1	Tablonun doldurulması ve tüm yanıtların olumlu olması durumunda ayakkabının ergonomik gereksinimleri karşıladığı kabul edilecektir. (The footwear shall be considered to satisfy the ergonomic requirements, if the table is completed and all answers are positive.) TS EN ISO 20345:2022+A1:2024-5.3.4	Tablo-1'de belirtilmiştir. (Defined in table-1)	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Teste Tabi Tutulmadan Önce Şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.)

Tablo-1 (Table-1)

	Parametreler (Parameters)	Sonuç (Result)					
		36-S4		42-O4		49-S4	
		EVET (Yes)	HAYIR (No)	EVET (Yes)	HAYIR (No)	EVET (Yes)	HAYIR (No)
1	Ayakkabının iç yüzeyinde tahrişe veya yaralanmaya neden olacak pürüzlü, keskin veya sert alanlar bulunmuyor mu (elle kontrol edilir)? (Is the inside surface of the footwear free from rough, sharp or hard areas that caused you irritation or injury (checked by hand)?)	X		X		X	
2	Ayak giyeceğinin giyilmesini tehlikeli hale getirdiğini düşündüğünüz özellikler bulunmuyor mu? (ör. tokalar, kayışlar veya takılma veya takılma riski oluşturabilecek diğer özellikler) (Is the footwear free of features that you consider make wearing the footwear hazardous? (e.g. buckles, straps or other features that may present a risk of trapping or tripping))	X		X		X	
3	Bağlanmanın mevcut olduğu yerlerde, bağlanma uygun şekilde ayarlanabiliyor mu? (Where fastenings are present, can the fastening be adequately adjusted?)						
4	Aşağıdaki faaliyetler sorunsuz bir şekilde gerçekleştirilebilir mi? (Can the following activities be performed without problems?)						
	4.1 Yürüme (Walking)	X		X		X	
	4.2 Merdiven çıkma (Climbing stairs)	X		X		X	
	4.3 Diz çökme/çömelme (Kneeling/crouching down)	X		X		X	
	4.4 Diz çökme hareketi sırasında sürtünme kepi saya dış ayak ucu bölgesinin yerle temasını önüyor mu? (During kneeling, the scuff cap prevents the contact of the upper external toe region with the ground?)						



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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Kayma Direnci (Slip resistance)	TS EN ISO 20344:2021+A1:2024- 5.14	TS EN ISO 20345:2022+A1:2024-5.3.5.2	Tablo-2'de belirtilmiştir. (Defined in table-2)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning Before Testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature),
- Test yüzeyi CTV değeri: 0,21 Seramik Yüzey (Test Surface CTV Value: 0.21 Ceramic surface),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Kullanılan montaj yöntemi: Standart Ayakkabı Kalıbı (Mounting method used: Standard Shoemaking Last)

Tablo-2 (Table-2)

Kayma Direnci (Geriye Doğru Ön Kısım Kayması) (Sleep Resistance (Backward forepart slip)) Seramik Fayans (Ceramic tiles) %0,5 NaLS	Sonuç (Result)	Gereklilik (Requirement)
36-Sağ S4 (36-Right S4)	0,44	≥0,36
36-Sol S4 (36-Left S4)	0,43	
42-Sağ S4 (42-Right S4)	0,42	
42-Sol S4 (42-Left S4)	0,43	
49-Sağ O4 (49-Right O4)	0,40	
49-Sol O4 (49-Left O4)	0,41	
Kayma Direnci (İleri Doğru Topuk Kayma) (Sleep Resistance (Forward heel slip)) Seramik Fayans (Ceramic tiles) %0,5 NaLS	Sonuç (Result)	Gereklilik (Requirement)
36-Sağ S4 (36-Right S4)	0,43	≥0,31
36-Sol S4 (36-Left S4)	0,46	
42-Sağ S4 (42-Right S4)	0,36	
42-Sol S4 (42-Left S4)	0,38	
49-Sağ O4 (49-Right O4)	0,37	
49-Sol O4 (49-Left O4)	0,39	




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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Kayma Direnci (Slip resistance)	TS EN ISO 20344:2021+A1:2024- 5.14	TS EN ISO 20345:2022+A1:2024-6.2.10	Tablo-3'de belirtilmiştir. (Defined in table-3)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test öncesi koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Şartları: (23±2) °C Sıcaklık (Test Conditions: (23±2) °C Temperature),
- Test yüzeyi CTV değeri: 0,21 Seramik Yüzey (Test Surface CTV Value: 0.21 Ceramic surface),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Kullanılan Montaj Yöntemi: Standart Ayakkabı Kalıbı (Mounting Method Used: Standard Shoemaking Last)

Tablo-3 (Table-3)

Kayma Direnci (Geriye Doğru Ön Kısım Kayması) (Sleep Resistance (Backward forepart slip))	Sonuç (Result)	Gereklilik (Requirement)
Seramik Fayans (Ceramic tiles)		
Gliserin (Glycerine)		
36-Sağ S4 (36-Right S4)	0,43	≥0,22
36-Sol S4 (36-Left S4)	0,43	
42-Sağ S4 (42-Right S4)	0,38	
42-Sol S4 (42-Left S4)	0,33	
49-Sağ O4 (49-Right O4)	0,38	
49-Sol O4 (49-Left O4)	0,39	
Kayma Direnci (İleri Doğru Topuk Kayma) (Sleep Resistance (Forward heel slip))	Sonuç (Result)	Gereklilik (Requirement)
Seramik Fayans (Ceramic tiles)		
Gliserin (Glycerine)		
36-Sağ S4 (36-Right S4)	0,44	≥0,19
36-Sol S4 (36-Left S4)	0,44	
42-Sağ S4 (42-Right S4)	0,31	
42-Sol S4 (42-Left S4)	0,33	
49-Sağ O4 (49-Right O4)	0,32	
49-Sol O4 (49-Left O4)	0,32	

SR İçin Uygunluk Değerlendirmesi
(Conformity Assessment for SR)

UYGUN
(SATISFACTORY)




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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Dış Tabanın Esneme Direncinin Tayini (Determination of flexing resistance of outsole)	TS EN ISO 20344:2021+A1:2024-8.6	Kesik genişliği 30 000 esneme çevrimi öncesinde 4 mm'den fazla olmamalıdır. (The cut growth shall be not greater than 4 mm before 30 000 flex cycles.) TS EN ISO 20345:2022+A1:2024-5.8.5	0,2 mm	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: (23±2) °C Temperature and (50±5) % RH),
- 30±0,5 N Uyg. Yatayla Yap. Açısı: > 45° (Applied 30±0,5 N angle to horizontal: > 45°),
- Test Parça Sayısı: 3 Adet (Number of Test Pieces: 3 Pieces),
- Kendiliğinden oluşan çatlaklar görülmemiştir. (No spontaneous cracks were observed.),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.),

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm
36-Sağ O4 (36-Right O4)	0,1
42-Sağ S4 (42-Right S4)	0,2
49-Sağ S4 (49-Right S4)	0,1

Elektrik Direncinin Tayini (Determination of electrical resistance)	TS EN ISO 20344:2021+A1:2024-5.13	Kuru ortam (Dry atmosphere); > 10⁵ Ω ve ≤ 10⁹ Ω TS EN ISO 20345:2022+A1:2024-6.2.2.2	7,6x10⁸ Ω	—	UYGUN (SATISFACTORY)
		Yaş ortam (Wet atmosphere); > 10⁵ Ω ve ≤ 10⁹ Ω TS EN ISO 20345:2022+A1:2024-6.2.2.2	4,0x10⁸ Ω		UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test öncesi koşullandırma (Kuru ortam): 7 Gün Süreyle, (20±2) °C Sıcaklık ve % (30±5) Bağıl Nem (Conditioning before testing (Dry atmosphere): Temperature (20±2) °C and (30±5) % RH for 7 Days),
- Test öncesi koşullandırma (Yaş ortam): 7 Gün Süreyle, (20±2) °C Sıcaklık ve % (85±5) Bağıl Nem (Conditioning before testing (Wet atmosphere): Temperature (20±2) °C and (85±5) % RH for 7 Days),
- Test Koşulları: (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Test Conditions: Temperature (23±2) °C and (50±5) %),
- Test parça sayısı: 6 Adet (Number of test pieces: 6 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.),

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Kuru Şart İçin (For Dry Condition)

Deney Parçası (Experiment Piece)	Sonuç (Result)/ Ω
36-Sağ O4 (36-Right O4)	6,0x10 ⁸
36-Sol O4 (36-Left O4)	6,5x10 ⁸
42-Sağ S4 (42-Right S4)	5,5x10 ⁸
42-Sol S4 (42-Left S4)	5,0x10 ⁸
49-Sağ S4 (49-Right S4)	7,6x10 ⁸
49-Sol S4 (49-Left S4)	7,1x10 ⁸

Islak Şart İçin (For Wet Condition)

Deney Parçası (Experiment Piece)	Sonuç (Result)/ Ω
36-Sağ O4 (36-Right O4)	2,2x10 ⁸
36-Sol O4 (36-Left O4)	2,0x10 ⁸
42-Sağ S4 (42-Right S4)	2,4x10 ⁸
42-Sol S4 (42-Left S4)	1,8x10 ⁸
49-Sağ S4 (49-Right S4)	4,0x10 ⁸
49-Sol S4 (49-Left S4)	3,2x10 ⁸

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Soğuğa Karşı Yalıtım Tayini (Determination of insulation against cold)	TS EN ISO 20344:2021+A1:2024-5.16	Taban astarının üst yüzeyindeki sıcaklık düşüşü 10 °C'den fazla olmamalıdır. (The temperature drop on the upper surface of the insole should not be more than 10 °C.) TS EN ISO 20345:2022+A1:2024-6.2.3.2	4,5 °C	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning Before Testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Test Koşulları: -17±2 °C (Test Conditions: -17±2 °C),
- Test Süresi: 30±1 dk (Test Period: 30±1 min),
- Test Parça Sayısı: 2 Adet (Number of Test Pieces: 2 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / °C
36-Sağ S4 (36-Right S4)	4,5
42-Sağ O4 (42-Right O4)	4,5



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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Topuk Bölgesinin Enerji Absorpsiyonunun Tayini (Determination of energy absorption of the seat region)	TS EN ISO 20344:2021+A1:2024-5.17	Ayak topuğunun ökçeye basma bölgesinin enerji soğurması 20 J'den az olmamalıdır. (The energy absorption of the seat region shall be not less than 20 J.) TS EN ISO 20345:2022+A1:2024-6.2.4	33 J	—	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: 24 Saat Süreyle, (23±2) °C Sıcaklık ve % (50±5) Bağıl Nem (Conditioning before testing: Temperature (23±2) °C and (50±5) % RH for 24 Hours),
- Yük Hücresi: 5000±50 N (Load Cell: 5000±50 N),
- Test Hızı: 10±3 mm/dk (Test Speed: 10±3 mm/min),
- Test Parça Sayısı: 6 Adet (Number of Test Pieces: 6 Pieces),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.),

Deney Parçası (Experiment Piece)	Sonuç (Result) / J
36-Sağ S4 (36-Right S4)	33
36-Sol S4 (36-Left S4)	33
42-Sağ O4 (42-Right O4)	39
42-Sol O4 (42-Left O4)	39
49-Sağ S4 (49-Right S4)	43
49-Sol S4 (49-Left S4)	43

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyses marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
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- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) k=2 olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of k=2.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)





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Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

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2407049

08-24

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Marka (Brand): Techno Boots Türü: Safety Boots, Sınıf II (Type: Safety Boots, Class II) Model: Troya Self Cleaning PU, Taban D Tasarımı Yeşil/Siyah (Model: Troya Self Cleaning PU, Sole D Design Green/Black) Kategori: 36, 42, 49 (S5, 2'şer Çift) (Category: 36, 42, 49 (S5, 2 Pairs Each)
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—
	Müşteri Kodu (Customer Code):	—
	#KTT Kodu (#KTT Code):	2407049
	Kabul Durumu (Acceptance Status):	Şartlı Kabul (Conditional Accepted)/Ek-1 Feragat Beyanı (Waiver Declaration Annex-1)
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	24.07.2024-13:00
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi/TEKİRDAĞ
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	29.07.2024
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	29.07.2024
	Rapor No: (Report Number)	2407049
	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))	4

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- **Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.** (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- **Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırılığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.** (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Release Date

01.08.2024

Laboratuvar Sorumlusu

Person in Charge of Laboratory

Eser KURT

Onaylayan/Approval

Tarih/Date

01.08.2024

Samet AKYÜZ

Müdür

Manager



Doküman Kodu: MTR-005

Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 1/3


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2407049

08-24


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Darbe Direnci Tayini (Determination of impact resistance)	TS EN ISO 20344:2021+A1:2024- 5.4	TS EN ISO 20345:2022+A1:2024-5.3.2.6	Tablo-1'de belirtilmiştir. (Defined in table-1)	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.),
- Darbe Enerjisi: 200±4 J (Impact Energy: 200±4 J),
- Numune Hasar Durumu: Işığın görülebileceği çatlaklar gözlenmemiştir. (Sample Damage Condition: No cracks through which it is possible to see light were observed.)

Tablo-1 (Table-1)

Parametre (Parameter)	Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Gereklilik Limit Değerleri (Limit Values of Requirement)
Darbe sonrasında kil yüksekliği (Clay Height After Impact)	36-Sağ (36-Right)	16,0	TS EN ISO 20345:2022+A1:2024-5.3.2.6 Tablo-6 (Table-6)
	36-Sol (36-Left)	14,0	
	42-Sağ (42-Right)	15,0	
	42-Sol (42-Left)	15,0	
	49-Sağ (49-Right)	17,0	
	49-Sol (49-Left)	16,5	

TS EN ISO 20345:2022+A1:2024-5.3.2.6 Tablo 6-Burun koruyucular altındaki minimum açıklık (Table 6-Minimum clearance under toecaps)

Ayak giyeceği numarası (Size of footwear) Avrupa (European)	Asgari iç uzunluk (Minimum clearance) / mm
36 ve altı (≤36)	12,5
37 ve 38 (37 and 38)	13,0
39 ve 40 (39 and 40)	13,5
41 ve 42 (41 and 42)	14,0
43 ve 44 (43 and 44)	14,5
45 ve üzeri (≥45)	15,0




KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2407049

08-24

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gerekliklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Baskı Direnci Tayini (Determination of compression resistance)	TS EN ISO 20344:2021+A1:2024- 5.5	TS EN ISO 20345:2022+A1:2024-5.3.2.7	Tablo-2'de belirlenmiştir. (Defined in table-2)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.)
- Baskı Kuvveti: (15±0,1) kN (Compression Load: (15±0,1) kN),
- Numune Hasar Durumu: Işığın görülebileceği çatlaklar gözlenmemiştir. (Sample Damage Condition: No cracks through which it is possible to see light were observed.)

Tablo-2 (Table-2)

Parametre (Parameter)	Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Gerekliklik Limit Değerleri (Limit Values of Requirement)
Baskı sonrasında kil yüksekliği (Clay Height After Compression)	36-Sağ (36-Right)	17,5	TS EN ISO 20345:2022+A1:2024-5.3.2.7 Tablo-6 (Table-6)
	36-Sol (36-Left)	16,0	
	42-Sağ (42-Right)	19,5	
	42-Sol (42-Left)	19,0	
	49-Sağ (49-Right)	21,0	
	49-Sol (49-Left)	20,5	

TS EN ISO 20345:2022+A1:2024-5.3.2.7 Tablo 6-Burun koruyucular altındaki minimum açıklık (Table 6-Minimum clearance under toecaps)

Ayak giyeceği numarası (Size of footwear) Avrupa (European)	Asgari iç uzunluk (Minimum clearance) / mm
36 ve altı (≤36)	12,5
37 ve 38 (37 and 38)	13,0
39 ve 40 (39 and 40)	13,5
41 ve 42 (41 and 42)	14,0
43 ve 44 (43 and 44)	14,5
45 ve üzeri (≥45)	15,0

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyses marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) k=2 olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of k=2.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşılmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)



Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 3/3

E-mail: info@karadeniztekniktest.com Tel: +90 (850) 850 58 86 Web: karadeniztekniktest.com

NUMUNE TÜRÜ/TANIMI: (Type and Definition of the Sample)	TROYA SELF CLEANING S5 ÇİZME 6 ÇİFT S-M-L
NUMUNE KABUL TARİHİ VE SAATİ: (Date and Time of Acceptance)	24.07.2024-13:00
*KTT NUMUNE KODU: (KTT Code of the Sample)	2407049
MÜŞTERİ İLETİŞİM BİLGİLERİ: (Contact Information of the Customer)	CMF AYAKKABICILIK SAN. ve TİC. A.Ş.

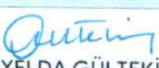

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

GERÇEKLEŞEN SAPMA (THE DEVIATION THAT OCCURRED)		
AMBALAJ (Package)	<input type="checkbox"/>	
MİKTAR (Quantity)	<input checked="" type="checkbox"/>	
NİTELİK (Qualification)	<input type="checkbox"/>	
TEST/ANALİZ (Test/Analysis)	<input type="checkbox"/>	
DİĞER (Other)	<input type="checkbox"/>	

SAPMALARDAN ETKİLENEBİLECEK SONUÇLAR (RESULTS THAT MAY BE AFFECTED BY THE DEVIATIONS)

- ☒ Yetersiz miktarda numune gönderilmesi durumunda şahit numune saklanamayacak olduğundan müşteri tarafından talep edilmesi veya olası adli süreçlerin yaşanması durumunda numune ile ilgili test/analiz tekrarları yapılamayacaktır. (In case of insufficient amount of sample is sent, the witness sample cannot be kept, and if requested by the customer or in case of possible judicial processes, the test/analysis related to the sample will not be able to repeated.)
- ☐ Yetersiz miktarda numune gönderilmesi durumunda çalışmalar 3 tekrarlı ya da standartta belirtildiği şekilde yapılamayacağından uygunluk değerlendirmesi çalışıldığı şekli ile testin/analizin sonucuna göre yapılacaktır. Müşteri bundan doğacak tüm sorumlulukları kabul edecektir. (In case of insufficient amount of sample is sent, since the tests/analyzes cannot be repeated in 3 times or as specified in the standard, the conformity assessment will only be made according to one test/analysis result. The customer will accept all responsibilities arising from this situation.)
- ☐ Numune ambalajında gözlenen olumsuzluklar numunenin niteliğini ve/veya miktarını etkileyebilir. Bu durum, Madde 1 ve Madde 2'de belirtilen hususlara yol açacaktır. (The negativities observed in the sample packaging may affect the quality and/or quantity of the sample. This will lead to the issues defined in Clause 1 and 2.)
- ☐

Numunenin, **Numune Kabul, Tanımlama, Koruma ve İmha Prosedüründe** anlatılan kriterlere uymaması sebebi ile yukarıda tarafıma bildirilmiş olan sapmalardan doğacak sonuçları, bu durumun test/analiz sonuçlarının doğruluğunu ve güvenilirliğini etkileyebileceğini ve bu formun test/analiz sonuç raporunun ekinde tarafıma sunulacağını kabul ediyorum. (I accept that the consequences that may arise from the deviations reported to me above due to the sample not complying with the criteria described in the **Sample Acceptance, Identification, Protection and Destruction Procedure**, that this situation may affect the accuracy and reliability of the test/analysis results, and that this form will be submitted to me in the annex of the test/analysis result report.)

Müşteri Adı Soyadı (Customer Name and Surname) Tarih/İmza (Date/Sign)	Numune Kabul Personeli Adı Soyadı (Name and Surname of Sample Reception) Tarih/İmza (Date/Sign)
 YELDA GÜLTEKİN 24.07.2024	 Alperen KÜÇÜK 24.07.2024



KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2407050

08-24

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Marka (Brand): Techno Boots Türü: Safety Boots, Sınıf II (Type: Safety Boots, Class II) Model: Troya Self Cleaning PU, Taban D Tasarımı Yeşil/Siyah (Model: Troya Self Cleaning PU, Sole D Design Green/Black) Kategori: 36, 42, 49 (S4, 2'şer Çift) (Category: 36, 42, 49 (S4, 2 Pairs Each))
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—
	Müşteri Kodu (Customer Code):	—
	#KTT Kodu (#KTT Code):	2407050
	Kabul Durumu (Acceptance Status):	Şartlı Kabul (Conditional Accepted)/Ek-1 Feragat Beyanı (Waiver Declaration Annex-1)
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	24.07.2024-13:00
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi/TEKİRDAĞ
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	29.07.2024
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	30.07.2024
	Rapor No: (Report Number)	2407050
	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))	4

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.** (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırılığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.** (Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Release Date

01.08.2024

Laboratuvar Sorumlusu

Person in Charge of Laboratory

Eser KURT

Onaylayan/Approval

Tarih/Date

01.08.2024

Samet AKYÜZ

Müdür

Manager



Doküman Kodu: MD-PR-005

Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 1/3


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2407050

08-24


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gerekliklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Darbe Direnci Tayini (Determination of impact resistance)	TS EN ISO 20344:2021+A1:2024- 5.4	TS EN ISO 20345:2022+A1:2024-5.3.2.6	Tablo-1'de belirtilmiştir. (Defined in table-1)	-	UYGUN DEĞİL (UNSATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.),
- Darbe Enerjisi: 200±4 J (Impact Energy: 200±4 J),
- Numune Hasar Durumu: Işığın görülebileceği çatlaklar gözlenmemiştir. (Sample Damage Condition: No cracks through which it is possible to see light were observed.)

Tablo-1 (Table-1)

Parametre (Parameter)	Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Gerekliklik Limit Değerleri (Limit Values of Requirement)
Darbe sonrasında kil yüksekliği (Clay Height After Impact)	36-Sağ (36-Right)	12,0	TS EN ISO 20345:2022+A1:2024-5.3.2.6 Tablo-6 (Table-6)
	36-Sol (36-Left)	10,5	
	42-Sağ (42-Right)	12,5	
	42-Sol (42-Left)	13,0	
	49-Sağ (49-Right)	15,0	
	49-Sol (49-Left)	16,0	

TS EN ISO 20345:2022+A1:2024-5.3.2.6 Tablo 6-Burun koruyucular altındaki minimum açıklık (Table 6-Minimum clearance under toecaps)

Ayak giyeceği numarası (Size of footwear) Avrupa (European)	Asgari iç uzunluk (Minimum clearance) / mm
36 ve altı (≤36)	12,5
37 ve 38 (37 and 38)	13,0
39 ve 40 (39 and 40)	13,5
41 ve 42 (41 and 42)	14,0
43 ve 44 (43 and 44)	14,5
45 ve üzeri (≥45)	15,0



Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

E-mail: info@karadeniztekniktest.com Tel: +90 (850) 850 58 86 Web: karadeniztekniktest.com


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2407050

08-24

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Baskı Direnci Tayini (Determination of compression resistance)	TS EN ISO 20344:2021+A1:2024-5.5	TS EN ISO 20345:2022+A1:2024-5.3.2.7	Tablo-2'de belirtilmiştir. (Defined in table-2)	-	UYGUN (SATISFACTORY)
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Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary),
- Baskı Kuvveti: (15±0,1) kN (Compression Load: (15±0,1) kN),
- Numune Hasar Durumu: Işığın görülebileceği çatlaklar gözlenmemiştir. (Sample Damage Condition: No cracks through which it is possible to see light were observed.)

Tablo-2 (Table-2)

Parametre (Parameter)	Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Gereklilik Limit Değerleri (Limit Values of Requirement)
Baskı sonrasında kil yüksekliği (Clay Height After Compression)	36-Sağ (36-Right)	16,0	TS EN ISO 20345:2022+A1:2024-5.3.2.7 Tablo-6 (Table-6)
	36-Sol (36-Left)	16,0	
	42-Sağ (42-Right)	17,0	
	42-Sol (42-Left)	17,0	
	49-Sağ (49-Right)	20,0	
	49-Sol (49-Left)	19,5	

TS EN ISO 20345:2022+A1:2024-5.3.2.7 Tablo 6-Burun koruyucular altındaki minimum açıklık (Table 6-Minimum clearance under toecaps)

Ayak giyeceği numarası (Size of footwear) Avrupa (European)	Asgari iç uzunluk (Minimum clearance) / mm
36 ve altı (≤36)	12,5
37 ve 38 (37 and 38)	13,0
39 ve 40 (39 and 40)	13,5
41 ve 42 (41 and 42)	14,0
43 ve 44 (43 and 44)	14,5
45 ve üzeri (≥45)	15,0

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyses marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımlı ve fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) k=2 olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of k=2.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşılmayan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)



NUMUNE TÜRÜ/TANIMI: (Type and Definition of the Sample)	TROYA SELF CLEANING S4 ÇİZME 6 ÇİFT S-M-L
NUMUNE KABUL TARİHİ VE SAATİ: (Date and Time of Acceptance)	24.07.2024-13:00
*KTT NUMUNE KODU: (KTT Code of the Sample)	2407050
MÜŞTERİ İLETİŞİM BİLGİLERİ: (Contact Information of the Customer)	CMF AYAKKABICILIK SAN. ve TİC. A.Ş.

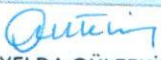

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

GERÇEKLEŞEN SAPMA (THE DEVIATION THAT OCCURRED)	
AMBALAJ (Package)	<input type="checkbox"/>
MİKTAR (Quantity)	<input checked="" type="checkbox"/>
NİTELİK (Qualification)	<input type="checkbox"/>
TEST/ANALİZ (Test/Analysis)	<input type="checkbox"/>
DİĞER (Other)	<input type="checkbox"/>

SAPMALARDAN ETKİLENEBİLECEK SONUÇLAR (RESULTS THAT MAY BE AFFECTED BY THE DEVIATIONS)

- ☒ Yetersiz miktarda numune gönderilmesi durumunda şahit numune saklanamayacak olduğundan müşteri tarafından talep edilmesi veya olası adli süreçlerin yaşanması durumunda numune ile ilgili test/analiz tekrarları yapılamayacaktır. (In case of insufficient amount of sample is sent, the witness sample cannot be kept, and if requested by the customer or in case of possible judicial processes, the test/analysis related to the sample will not be able to repeated.)
- ☐ Yetersiz miktarda numune gönderilmesi durumunda çalışmalar 3 tekrarlı ya da standartta belirtildiği şekilde yapılamayacağından uygunluk değerlendirmesi çalışıldığı şekli ile testin/analizin sonucuna göre yapılacaktır. Müşteri bundan doğacak tüm sorumlulukları kabul edecektir. (In case of insufficient amount of sample is sent, since the tests/analyzes cannot be repeated in 3 times or as specified in the standard, the conformity assessment will only be made according to one test/analysis result. The customer will accept all responsibilities arising from this situation.)
- ☐ Numune ambalajında gözlenen olumsuzluklar numunenin niteliğini ve/veya miktarını etkileyebilir. Bu durum, Madde 1 ve Madde 2'de belirtilen hususlara yol açacaktır. (The negativities observed in the sample packaging may affect the quality and/or quantity of the sample. This will lead to the issues defined in Clause 1 and 2.)
- ☐

Numunenin, Numune Kabul, Tanımlama, Koruma ve İmha Prosedüründe anlatılan kriterlere uymaması sebebi ile yukarıda tarafıma bildirilmiş olan sapmalardan doğacak sonuçları, bu durumun test/analiz sonuçlarının doğruluğunu ve güvenilirliğini etkileyebileceğini ve bu formun test/analiz sonuç raporunun ekinde tarafıma sunulacağını kabul ediyorum. (I accept that the consequences that may arise from the deviations reported to me above due to the sample not complying with the criteria described in the **Sample Acceptance, Identification, Protection and Destruction Procedure**, that this situation may affect the accuracy and reliability of the test/analysis results, and that this form will be submitted to me in the annex of the test/analysis result report.)

Müşteri Adı Soyadı (Customer Name and Surname) Tarih/İmza (Date/Sign)	Numune Kabul Personeli Adı Soyadı (Name and Surname of Sample Reception) Tarih/İmza (Date/Sign)
 YELDA GÜLTEKİN 24.07.2024	 Alperen Küçük 24.07.2024



KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2408024

08-24

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Marka (Brand): Techno Boots Türü: Safety Boots, Sınıf II (Type: Safety Boots, Class II) Model: Troya Self Cleaning PU, Taban D Tasarımı Yeşil/Siyah (Model: Troya Self Cleaning PU, Sole D Design Green/Black) Kategori: 36, 42, 49 (S4, 1'er Çift) (Category: 36, 42, 49 (S4, 1 Pair Each)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—	
	Müşteri Kodu (Customer Code):	—	
	#KTT Kodu (#KTT Code):	2408024	
	Kabul Durumu (Acceptance Status):	Şartlı Kabul (Conditional Accepted)/Ek-1 Feragat Beyanı (Waiver Declaration Annex-1)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	09.08.2024-13:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi/TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	15.08.2024	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	15.08.2024	
	Rapor No: (Report Number)	2408024	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))
			4

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir. (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır. (Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Release Date

15.08.2024

Laboratuvar Sorumlusu

Person in Charge of Laboratory

Eser KURT

Onaylayan/Approval

Tarih/Date

15.08.2024

Samet AKYÜZ

Müdür
Manager

Doküman No: 001/005
Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 1/3


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2408024

08-24


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Darbe Direnci Tayini (Determination of impact resistance)	TS EN ISO 20344:2021+A1:2024- 5.4	TS EN ISO 20345:2022+A1:2024-5.3.2.6	Tablo-1'de belirtilmiştir. (Defined in table-1)	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.),
- Darbe Enerjisi: 200±4 J (Impact Energy: 200±4 J),
- Numune Hasar Durumu: Işığın görülebileceği çatlaklar gözlenmemiştir. (Sample Damage Condition: No cracks through which it is possible to see light were observed.),
- Ayak giyeceğinin burun kısımları, ayak giyeceğine zarar vermeden çıkarılmayacak şekilde ayak giyeceğinin içine yerleştirilmiştir. (The toecaps of the footwear are incorporated into the footwear in such a manner that it cannot be removed without damaging the footwear.)

Tablo-1 (Table-1)

Parametre (Parameter)	Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Gereklik Limit Değerleri (Limit Values of Requirement)
Darbe sonrasında kil yüksekliği (Clay Height After Impact)	36-Sağ (36-Right)	17,0	TS EN ISO 20345:2022+A1:2024-5.3.2.6 Tablo-6 (Table-6)
	36-Sol (36-Left)	17,5	
	42-Sağ (42-Right)	17,5	
	42-Sol (42-Left)	20,0	
	49-Sağ (49-Right)	19,5	
	49-Sol (49-Left)	23,5	

TS EN ISO 20345:2022+A1:2024-5.3.2.6 Tablo 6-Burun koruyucular altındaki minimum açıklık (Table 6-Minimum clearance under toecaps)

Ayak giyeceği numarası (Size of footwear) Avrupa (European)	Asgari iç uzunluk (Minimum clearance) / mm
36 ve altı (≤36)	12,5
37 ve 38 (37 and 38)	13,0
39 ve 40 (39 and 40)	13,5
41 ve 42 (41 and 42)	14,0
43 ve 44 (43 and 44)	14,5
45 ve üzeri (≥45)	15,0



Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

E-mail: info@karadeniztekniktest.com Tel: +90 (850) 850 58 86 Web: karadeniztekniktest.com


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2408024

08-24

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyzes marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)



NUMUNE TÜRÜ/TANIMI: (Type and Definition of the Sample)	TROYA SELF CLEANING PU TABAN TASARIM D YEŞİL/SİYAH ÇİZME S4 - 3 ÇİFT S-M-L
NUMUNE KABUL TARİHİ VE SAATİ: (Date and Time of Acceptance)	09.08.2024-13:00
*KTT NUMUNE KODU: (KTT Code of the Sample)	2408024
MÜŞTERİ İLETİŞİM BİLGİLERİ: (Contact Information of the Customer)	CMF AYAKKABICILIK SAN ve TİC. A.Ş.

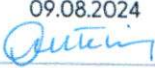
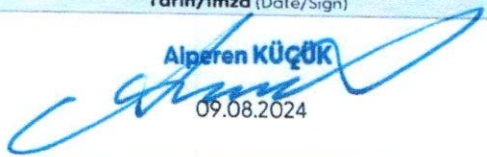
*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

GERÇEKLEŞEN SAPMA (THE DEVIATION THAT OCCURRED)	
AMBALAJ (Package)	<input type="checkbox"/>
MİKTAR (Quantity)	<input checked="" type="checkbox"/>
NİTELİK (Qualification)	<input type="checkbox"/>
TEST/ANALİZ (Test/Analysis)	<input type="checkbox"/>
DİĞER (Other)	<input type="checkbox"/>

SAPMALARDAN ETKİLENEBİLECEK SONUÇLAR (RESULTS THAT MAY BE AFFECTED BY THE DEVIATIONS)

- ☒ Yetersiz miktarda numune gönderilmesi durumunda şahit numune saklanamayacak olduğundan müşteri tarafından talep edilmesi veya olası adli süreçlerin yaşanması durumunda numune ile ilgili test/analiz tekrarları yapılamayacaktır. (In case of insufficient amount of sample is sent, the witness sample cannot be kept, and if requested by the customer or in case of possible judicial processes, the test/analysis related to the sample will not be able to repeated.)
- ☐ Yetersiz miktarda numune gönderilmesi durumunda çalışmalar 3 tekrarlı ya da standartta belirtildiği şekilde yapılamayacağından uygunluk değerlendirmesi çalışıldığı şekli ile testin/analizin sonucuna göre yapılacaktır. Müşteri bundan doğacak tüm sorumlulukları kabul edecektir. (In case of insufficient amount of sample is sent, since the tests/analyzes cannot be repeated in 3 times or as specified in the standard, the conformity assessment will only be made according to one test/analysis result. The customer will accept all responsibilities arising from this situation.)
- ☐ Numune ambalajında gözlenen olumsuzluklar numunenin niteliğini ve/veya miktarını etkileyebilir. Bu durum, Madde 1 ve Madde 2'de belirtilen hususlara yol açacaktır. (The negativities observed in the sample packaging may affect the quality and/or quantity of the sample. This will lead to the issues defined in Clause 1 and 2.)
- ☐

Numunenin, **Numune Kabul, Tanımlama, Koruma ve İmha Prosedüründe** anlatılan kriterlere uymaması sebebi ile yukarıda tarafıma bildirilmiş olan sapmalardan doğacak sonuçları, bu durumun test/analiz sonuçlarının doğruluğunu ve güvenilirliğini etkileyebileceğini ve bu formun test/analiz sonuç raporunun ekinde tarafıma sunulacağını kabul ediyorum. (I accept that the consequences that may arise from the deviations reported to me above due to the sample not complying with the criteria described in the **Sample Acceptance, Identification, Protection and Destruction Procedure**, that this situation may affect the accuracy and reliability of the test/analysis results, and that this form will be submitted to me in the annex of the test/analysis result report.)

Müşteri Adı Soyadı (Customer Name and Surname) Tarih/İmza (Date/Sign)	Numune Kabul Personeli Adı Soyadı (Name and Surname of Sample Reception) Tarih/İmza (Date/Sign)
YELDA GÜLTEKİN 09.08.2024 	Alperen KÜÇÜK 09.08.2024 



KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2408027

08-24

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Marka (Brand): Techno Boots Türü: Safety Boots, Sınıf II (Type: Safety Boots, Class II) Model: Troya Self Cleaning PU, Taban D Tasarımı Yeşil/Siyah (Model: Troya Self Cleaning PU, Sole D Design Green/Black) Kategori: 36, 42, 49 (S5, 1'er Çift) (Category: 36, 42, 49 (S5, 1 Pair Each)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—	
	Müşteri Kodu (Customer Code):	—	
	#KTT Kodu (#KTT Code):	2408027	
	Kabul Durumu (Acceptance Status):	Şartlı Kabul (Conditional Accepted)/Ek-1 Feragat Beyanı (Waiver Declaration Annex-1)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	13.08.2024-11:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi/TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	15.08.2024	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	15.08.2024	
	Rapor No: (Report Number)	2408027	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))
			4

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.** (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.** (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Laboratuvar Sorumlusu

Onaylayan/Approval

Release Date

Person in Charge of Laboratory

Tarih/Date

15.08.2024

15.08.2024

Eser KURT

Samet AKYÜZ

Müdür

Manager



Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 1/3


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2408027

08-24


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Delinmeye Dirençli Metalik Ara Tabanlı Ayakkabının Delinme Direncinin Tayini (Determination of the perforation resistance of footwear with a metallic perforation resistant insert)	TS EN ISO 20344:2021+A1:2024- 5.9	Dış taban birimini delmek için gereken en düşük değer 1100 N' dan az olmamalıdır. (The lowest value required to perforate the outsole unit shall be not less than 1100 N) TS EN ISO 20345:2022+A1:2024-6.2.1.1.2	1210 N	—	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Teste tabi tutulmadan önce şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test pieces is not required.),
- Cihaz Hızı: 10±3 mm/dk (Device Speed: 10±3 mm/min),
- Raporlanan test sonucu, deney parçalarına ait en kötü değeridir. (The reported test result is the worst value of the test pieces.),
- Delinmeye dirençli metalik ara tabanlar, ayakkabının tabanına, ayakkabıya zarar vermeden çıkarılamayacak şekilde yerleştirilmiştir. Metalik delinmeye dirençli ara tabanlar, güvenlik burun kısımlarının flanşının altında yer almaktadır ve bunlara takılmamıştır. (The metallic perforation resistant insert is built into the bottom of the footwear in such a manner, that it cannot be removed without damaging the footwear. Metallic perforation resistant inserts are lie beneath the flange of the safety toecaps and are not attached to them.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / N
36-Sağ (36-Right)	1330
36-Sol (36-Left)	1320
42-Sağ (42-Right)	1230
42-Sol (42-Left)	1360
49-Sağ (49-Right)	1210
49-Sol (49-Left)	1340




KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2408027

08-24

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
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Delinmeye Dirençli Ara Tabanların Boyutları (Dimensions of perforation resistant inserts)	TS EN ISO 20344:2021+A1:2024- 5.8	(X) <6,5 mm (Y) <17 mm	X= 11,0 mm	-	UYGUN DEĞİL (UNSATISFACTORY)
		TS EN ISO 20345:2022+A1:2024-6.2.1.3	Y= 19,0 mm		

Açıklamalar (Descriptions):

- Teste tabi tutulmadan önce şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.)
- (X): Kalıp kenar hattıyla temsil edilen çizgi ile ek parçanın kenarı arasındaki mesafe (With the exception of the heel region, the maximum distance between the line represented by the feather edge of the last and the edge of the insert).
- (Y): Ökçe bölgesinde, kalıp kenar hattıyla temsil edilen çizgi ile ek parça arasındaki mesafe (In the heel region, the maximum distance between the line represented by the feather edge of the last and the insert).
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	X Mesafesi (X Distance)
36-Sağ (36-Right)	3,5	X<6,5 mm
36-Sol (36-Left)	5,5	
42-Sağ (42-Right)	6,0	
42-Sol (42-Left)	6,0	
49-Sağ (49-Right)	11,0	
49-Sol (49-Left)	7,0	

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Y Mesafesi (Y Distance)
36-Sağ (36-Right)	6,5	Y<17 mm
36-Sol (36-Left)	10,5	
42-Sağ (42-Right)	12,5	
42-Sol (42-Left)	8,5	
49-Sağ (49-Right)	19,0	
49-Sol (49-Left)	9,5	

- (*) İşaretili testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyses marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) k=2 olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of k=2.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşılmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)

Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

E-mail: info@karadeniztekniktest.com Tel: +90 (850) 850 58 86 Web: karadeniztekniktest.com

NUMUNE TÜRÜ/TANIMI: (Type and Definition of the Sample)	TROYA SELF CLEANING PU TABAN TASARIM D YEŞİL/SİYAH 3 ÇİFT S-M-L
NUMUNE KABUL TARİHİ VE SAATİ: (Date and Time of Acceptance)	13.08.2024-11:00
*KTT NUMUNE KODU: (KTT Code of the Sample)	2408027
MÜŞTERİ İLETİŞİM BİLGİLERİ: (Contact Information of the Customer)	CMF AYAKKABICILIK SAN. ve TİC. A.Ş.

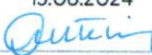

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

GERÇEKLEŞEN SAPMA (THE DEVIATION THAT OCCURRED)	
AMBALAJ (Package)	<input type="checkbox"/>
MİKTAR (Quantity)	<input checked="" type="checkbox"/>
NİTELİK (Qualification)	<input type="checkbox"/>
TEST/ANALİZ (Test/Analysis)	<input type="checkbox"/>
DİĞER (Other)	<input type="checkbox"/>

SAPMALARDAN ETKİLENEBİLECEK SONUÇLAR (RESULTS THAT MAY BE AFFECTED BY THE DEVIATIONS)

- ☒ Yetersiz miktarda numune gönderilmesi durumunda şahit numune saklanamayacak olduğundan müşteri tarafından talep edilmesi veya olası adli süreçlerin yaşanması durumunda numune ile ilgili test/analiz tekrarları yapılamayacaktır. (In case of insufficient amount of sample is sent, the witness sample cannot be kept, and if requested by the customer or in case of possible judicial processes, the test/analysis related to the sample will not be able to repeated.)
- ☐ Yetersiz miktarda numune gönderilmesi durumunda çalışmalar 3 tekrarlı ya da standartta belirtildiği şekilde yapılamayacağından uygunluk değerlendirmesi çalışıldığı şekli ile testin/analizin sonucuna göre yapılacaktır. Müşteri bundan doğacak tüm sorumlulukları kabul edecektir. (In case of insufficient amount of sample is sent, since the tests/analyzes cannot be repeated in 3 times or as specified in the standard, the conformity assessment will only be made according to one test/analysis result. The customer will accept all responsibilities arising from this situation.)
- ☐ Numune ambalajında gözlenen olumsuzluklar numunenin niteliğini ve/veya miktarını etkileyebilir. Bu durum, Madde 1 ve Madde 2'de belirtilen hususlara yol açacaktır. (The negativities observed in the sample packaging may affect the quality and/or quantity of the sample. This will lead to the issues defined in Clause 1 and 2.)
- ☐

Numunenin, **Numune Kabul, Tanımlama, Koruma ve İmha Prosedüründe** anlatılan kriterlere uymaması sebebi ile yukarıda tarafıma bildirilmiş olan sapmalardan doğacak sonuçları, bu durumun test/analiz sonuçlarının doğruluğunu ve güvenilirliğini etkileyebileceğini ve bu formun test/analiz sonuç raporunun ekinde tarafıma sunulacağını kabul ediyorum. (I accept that the consequences that may arise from the deviations reported to me above due to the sample not complying with the criteria described in the **Sample Acceptance, Identification, Protection and Destruction Procedure**, that this situation may affect the accuracy and reliability of the test/analysis results, and that this form will be submitted to me in the annex of the test/analysis result report.)

Müşteri Adı Soyadı (Customer Name and Surname) Tarih/İmza (Date/Sign)	Numune Kabul Personeli Adı Soyadı (Name and Surname of Sample Reception) Tarih/İmza (Date/Sign)
YELDA GÜLTEKİN 13.08.2024 	 ALPEREN KÜÇÜK 13.08.2024



KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ
Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
Apartmanı No:19B/2104 Ortahisar/TRABZON



TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2408035

08-24

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Marka (Brand): Techno Boots Türü: Safety Boots, Sınıf II (Type: Safety Boots, Class II) Model: Troya Self Cleaning PU, Taban D Tasarımı Yeşil/Siyah (Model: Troya Self Cleaning PU, Sole D Design Green/Black) Kategori: 3 Çift Çizme (Category: 3 Pairs Boot)	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—	
	Müşteri Kodu (Customer Code):	—	
	#KTT Kodu (#KTT Code):	2408035	
	Kabul Durumu (Acceptance Status):	Şartlı Kabul (Conditional Accepted)/Ek-1 Feragat Beyanı (Waiver Declaration Annex-1)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	15.08.2024-13:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi/TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	16.08.2024	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	23.08.2024	
	Rapor No: (Report Number)	2408035	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))
			4

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir. (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır. (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Laboratuvar Sorumlusu

Onaylayan/Approval

Release Date
23.08.2024

Person in Charge of Laboratory

Tarih/Date
23.08.2024

Eser KURT

Eser KURT
Müdür V.
Manager

Doküman No: 8018501-005
Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 1/3


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2408035

08-24


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Metalik Burun Koruyucuların Davranışı (Korozyon Direncinin Tayini) (Behaviour of toecaps metallic (Determination of corrosion resistance))	TS EN ISO 20344:2021+A1:2024- 5.6.2.1	Metalik burun koruyucuların hiçbirisi herhangi bir yönde 2 mm'den fazla ölçülmeyecek şekilde üçten fazla korozyon alanı bulundurmamalıdır. (Metallic toecaps shall not exhibit more than three areas of corrosion, none of which shall measure more than 2 mm in any direction.) TS EN ISO 20345:2022+A1:2024-5.3.2.4.2	Korozyon Görülmedi. (No Corrosion.)	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Teste Tabi Tutulmadan Önce Şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.),
- Numune Sınıfı: Sınıf II (Sample Class: Class II),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result)
42-Sol (42-Left)	Korozyon Görülmedi. (No Corrosion.)
49-Sol (49-Left)	Korozyon Görülmedi. (No Corrosion.)




KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

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Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklilik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Delinmeye Dirençli Ara Tabanların Davranışı (Korozyon Direncinin Tayini) (Behaviour of perforation resistant inserts (Determination of corrosion resistance))	TS EN ISO 20344:2021+A1:2024-5.11.2/ TS EN ISO 20344:2021+A1:2024-5.6.2.1	Herhangi bir yönde 2 mm'den fazla ölçülmeyecek üçten fazla korozyon alanı bulundurmamalıdır. (Not exhibit more than three areas of corrosion, none of which shall measure more than 2 mm in any direction.) TS EN ISO 20345:2022+A1:2024-6.2.1.4.2.2	Korozyon Görülmedi (No Corrosion)	—	UYGUN (SATISFACTORY)
Açıklamalar (Descriptions): <ul style="list-style-type: none">Test Öncesi Koşullandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.),Numune Sınıfı: Sınıf II (Sample class: Class II),Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)					
Deney Parçası (Experiment Piece)		Sonuç (Result)			
42-Sol (42-Left)		Korozyon Görülmedi. (No Corrosion.)			
49-Sol (49-Left)		Korozyon Görülmedi. (No Corrosion.)			

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyzes marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)



Doküman Kodu: MD-FR-005

Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 3/3

NUMUNE TÜRÜ/TANIMI: (Type and Definition of the Sample)	TROYA SELF CLEANING ÇİZME 3 ÇİFT S-M-L
NUMUNE KABUL TARİHİ VE SAATİ: (Date and Time of Acceptance)	15.08.2024-13:00
*KTT NUMUNE KODU: (KTT Code of the Sample)	2408035
MÜŞTERİ İLETİŞİM BİLGİLERİ: (Contact Information of the Customer)	CMF AYAKKABICILIK SAN. VE TİC. A.Ş.

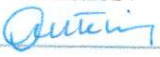

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

GERÇEKLEŞEN SAPMA (THE DEVIATION THAT OCCURRED)	
AMBALAJ (Package)	<input type="checkbox"/>
MİKTAR (Quantity)	<input checked="" type="checkbox"/>
NİTELİK (Qualification)	<input type="checkbox"/>
TEST/ANALİZ (Test/Analysis)	<input type="checkbox"/>
DİĞER (Other)	<input type="checkbox"/>

SAPMALARDAN ETKİLENEBİLECEK SONUÇLAR (RESULTS THAT MAY BE AFFECTED BY THE DEVIATIONS)

- ☒ Yetersiz miktarda numune gönderilmesi durumunda şahit numune saklanamayacak olduğundan müşteri tarafından talep edilmesi veya olası adli süreçlerin yaşanması durumunda numune ile ilgili test/analiz tekrarları yapılamayacaktır. (In case of insufficient amount of sample is sent, the witness sample cannot be kept, and if requested by the customer or in case of possible judicial processes, the test/analysis related to the sample will not be able to repeated.)
- ☐ Yetersiz miktarda numune gönderilmesi durumunda çalışmalar 3 tekrarlı ya da standartta belirtildiği şekilde yapılamayacağından uygunluk değerlendirmesi çalışıldığı şekli ile testin/analizin sonucuna göre yapılacaktır. Müşteri bundan doğacak tüm sorumlulukları kabul edecektir. (In case of insufficient amount of sample is sent, since the tests/analyzes cannot be repeated in 3 times or as specified in the standard, the conformity assessment will only be made according to one test/analysis result. The customer will accept all responsibilities arising from this situation.)
- ☐ Numune ambalajında gözlenen olumsuzluklar numunenin niteliğini ve/veya miktarını etkileyebilir. Bu durum, Madde 1 ve Madde 2'de belirtilen hususlara yol açacaktır. (The negativities observed in the sample packaging may affect the quality and/or quantity of the sample. This will lead to the issues defined in Clause 1 and 2.)
- ☐

Numunenin, **Numune Kabul, Tanımlama, Koruma ve İmha Prosedüründe** anlatılan kriterlere uymaması sebebi ile yukarıda tarafıma bildirilmiş olan sapmalardan doğacak sonuçları, bu durumun test/analiz sonuçlarının doğruluğunu ve güvenilirliğini etkileyebileceğini ve bu formun test/analiz sonuç raporunun ekinde tarafıma sunulacağını kabul ediyorum. (I accept that the consequences that may arise from the deviations reported to me above due to the sample not complying with the criteria described in the **Sample Acceptance, Identification, Protection and Destruction Procedure**, that this situation may affect the accuracy and reliability of the test/analysis results, and that this form will be submitted to me in the annex of the test/analysis result report.)

Müşteri Adı Soyadı (Customer Name and Surname) Tarih/İmza (Date/Sign)	Numune Kabul Personeli Adı Soyadı (Name and Surname of Sample Reception) Tarih/İmza (Date/Sign)
YELDA GÜLTEKİN 15.08.2024 	 Ayşen KÜÇÜK 15.08.2024


KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon Teknokent
Apartmanı No:19B/2104 Ortahisar/TRABZON


TEST/ANALİZ SONUÇ RAPORU
(TEST/ANALYSIS RESULT REPORT)

AB-1669-T

2408086

08-24

Numune Bilgileri (Informations of Sample)	Türü, Tanımı ve Miktarı (Type, Definition and Quantity):	Marka (Brand): Techno Boots Türü: Safety Boots, Sınıf II (Type: Safety Boots, Class II) Model: Troya Self Cleaning PU, Taban D Tasarımı Yeşil/Siyah (Model: Troya Self Cleaning PU, Sole D Design Green/Black) Kategori: 48 (S5, 1 Çift) (Category: 48 (S5, 1 Pair))	
	Ön Yazı Tarih ve No: (Date and Number of Cover Letter)	—	
	Müşteri Kodu (Customer Code):	—	
	#KTT Kodu (#KTT Code):	2408086	
	Kabul Durumu (Acceptance Status):	Şartlı Kabul (Conditional Accepted)/Ek-1 Feragat Beyanı (Waiver Declaration Annex-1)	
	Kabul Tarihi ve Saati: (Date and Time of Acceptance)	26.08.2024-14:00	
Test/Analiz Talep Eden Bilgileri (Informations of Test/ Analysis Requester)	Kurum/Kişi Adı: (Company/or Personal name)	CMF Ayakkabıcılık San. ve Tic. A. Ş.	
	Adresi (Address):	Cedit Ali Paşa Mah. Seymen Yolu Cad. No: 9/1 Marmaraereğlisi/TEKİRDAĞ	
Test/Analiz ve Rapor Bilgileri (Informations of Test/ Analysis and Report)	Test/Analiz Başlama Tarihi: (Starting Date of Test/Analysis)	29.08.2024	
	Test/Analiz Bitiş Tarihi: (End Date of Test/Analysis)	29.08.2024	
	Rapor No: (Report Number)	2408086	Rapor Sayfa Sayısı (varsa ek dahil): (Total Report Page (including attachment if there is))
			4

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

- Deney laboratuvarı olarak faaliyet gösteren Karadeniz Teknik Test Tic. Ltd. Şti., TÜRKAK'tan AB-1669-T dosya numarası ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir. (Karadeniz Teknik Test Tic. Ltd. Şti. accredited by TÜRKAK under registration number AB-1669-T for TS EN ISO/IEC 17025:2017 as test laboratory.)
- Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır. (Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.)

Kaşe/Seal

Yayımlandığı Tarih

Release Date

29.08.2024

Laboratuvar Sorumlusu

Person in Charge of Laboratory

Eser KURT

Onaylayan/Approval

Tarih/Date

29.08.2024

Samet AKYÜZ

Müdür
Manager

Doküman Kontrol No: 005
Rev.No/Tarih: 07/20.03.2023

Sayfa/Page 1/3

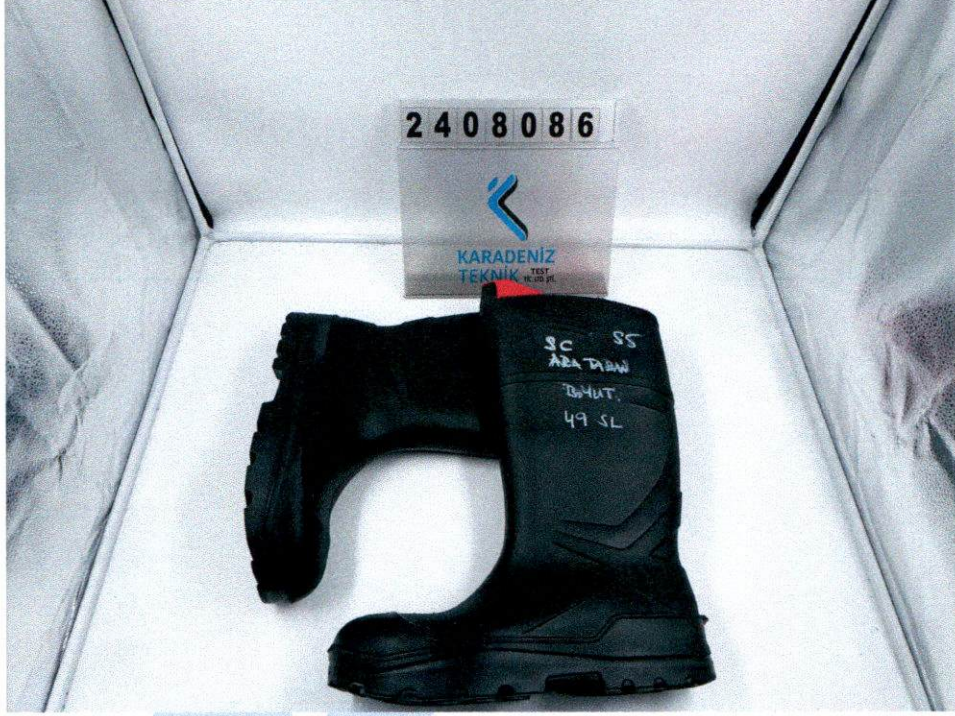

KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2408086

08-24


Test/Analiz Sonuçları (Test/Analysis Results)

Parametre (Parameter)	Test/Analiz Metodu (Test/ Analysis Method)	Gereklik Limit Değerleri (Limit Values of Requirement) (Birimi/Unit)	Sonuç (Result) (Birimi/Unit)	Ölçüm Belirsizliği (Measurement Uncertainty)	Uygunluk Değerlendirmesi (Conformity Assessment)
Delinmeye Dirençli Ara Tabanların Boyutları (Dimensions of perforation resistant inserts)	TS EN ISO 20344:2021+A1:2024- 5.8	(X) <6,5 mm (Y) <17 mm TS EN ISO 20345:2022+A1:2024-6.2.1.3	X= 5,0 mm Y= 8,5 mm	-	UYGUN (SATISFACTORY)

Açıklamalar (Descriptions):

- Teste tabi tutulmadan önce şartlandırma: Test parçasının ön şartlandırılması gerekli değildir. (Conditioning Before Testing: Preconditioning of the test piece is unnecessary.),
- (X): Kalıp kenar hattıyla temsil edilen çizgi ile ek parçanın kenarı arasındaki mesafe (With the exception of the heel region, the maximum distance between the line represented by the feather edge of the last and the edge of the insert),
- (Y): Ökçe bölgesinde, kalıp kenar hattıyla temsil edilen çizgi ile ek parça arasındaki mesafe (In the heel region, the maximum distance between the line represented by the feather edge of the last and the insert),
- Raporlanan test sonucu, deney parçalarına ait en kötü değerdir. (The reported test result is the worst value of the test pieces.)

Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	X Mesafesi (X Distance)
48-Sağ (48-Right)	5,0	X<6,5 mm
48-Sol (48-Left)	4,5	
Deney Parçası (Experiment Piece)	Sonuç (Result) / mm	Y Mesafesi (Y Distance)
48-Sağ (48-Right)	8,0	Y<17 mm
48-Sol (48-Left)	8,5	




KARADENİZ TEKNİK TEST TİCARET LİMİTED ŞİRKETİ

Üniversite Mahallesi Hastane Caddesi Trabzon
Teknokent Apartmanı No:19B/2104 Ortahisar/TRABZON

AB-1669-T

2408086

08-24

- (*) İşaretli testler/analizler akreditasyon kapsamı dışındadır. (Tests/analyzes marked with (*) are out of the accreditation scope.)
- Bu sonuç raporu, KTT'nin yazılı izni olmadan kısmen ya da tamamen kopyalanıp çoğaltılamaz ve değiştirilemez. İmzasız ve kaşesiz sonuç raporları geçersizdir. (This result report must not be fully and/or partially copied, reproduced or changed without a written permission of KTT. Result reports without signature and seal are not valid.)
- Toplam sayfa sayısına göre (varsa ekler dahil) eksik sayfa içeren raporlar geçersizdir, kullanılamaz. (Reports that contain missing pages according to the total report page (including attachments if there are) are invalid and cannot be used.)
- Test/Analiz Sonuçları, KTT'ye müşteri tarafından teslim edilen/gönderilen ve bu raporda tanımı ve fotoğrafı/fotoğrafları bulunan numuneye ait sonuçlardır. (Test/Analysis Results are the results of the sample which is delivered/sent to KTT by the customer and its definitions and photo/photos are presented in this report.)
- Test/Analiz sonuçları ve ölçüm belirsizlikleri (olması halinde) $k=2$ olan genişletme katsayısı ile çarpılmış %95 güven aralığı seviyesindedir. (Test/Analysis results and measurement uncertainties (if there are) are at 95% confidence interval which had been multiplied by the extension coefficient of $k=2$.)
- Uygunluğun değerlendirilmesi, ilgili standart/yasal düzenleme/şartnamenin gerektirdiği ya da müşteri ile yapılan sözleşmede anlaşmaya varılan karar kuralına (KTT karar kuralı talimatı <https://www.karadeniztekniktest.com> adresinde yayımlanmaktadır) göre yapılmıştır. (Conformity assessment has been performed by considering the necessity of the relevant standard/legal regulation/specification or according to the decision rule (the instruction of KTT decision rule has been published at <https://www.karadeniztekniktest.com>) in what agreed with the customer in customer contract.)



NUMUNE TÜRÜ/TANIMI: (Type and Definition of the Sample)	TECHNO BOOTS TROYA SELF CLEANING PU S51 ÇİFT AYAK NUMARA 48 A.K
NUMUNE KABUL TARİHİ VE SAATİ: (Date and Time of Acceptance)	26.08.2024-14:00
*KTT NUMUNE KODU: (KTT Code of the Sample)	2408086
MÜŞTERİ İLETİŞİM BİLGİLERİ: (Contact Information of the Customer)	CMF AYAKKABICILIK SAN. VE TİC. A.Ş.

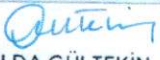

*Karadeniz Teknik Test Tic. Ltd. Şti. (Karadeniz Technical Test Trading Company)

GERÇEKLEŞEN SAPMA (THE DEVIATION THAT OCCURRED)	
AMBALAJ (Package)	<input type="checkbox"/>
MİKTAR (Quantity)	<input checked="" type="checkbox"/>
NİTELİK (Qualification)	<input type="checkbox"/>
TEST/ANALİZ (Test/Analysis)	<input type="checkbox"/>
DİĞER (Other)	<input type="checkbox"/>

SAPMALARDAN ETKİLENEBİLECEK SONUÇLAR (RESULTS THAT MAY BE AFFECTED BY THE DEVIATIONS)

- ☒ Yetersiz miktarda numune gönderilmesi durumunda şahit numune saklanamayacak olduğundan müşteri tarafından talep edilmesi veya olası adli süreçlerin yaşanması durumunda numune ile ilgili test/analiz tekrarları yapılamayacaktır. (In case of insufficient amount of sample is sent, the witness sample cannot be kept, and if requested by the customer or in case of possible judicial processes, the test/analysis related to the sample will not be able to repeated.)
- ☒ Yetersiz miktarda numune gönderilmesi durumunda çalışmalar 3 tekrarlı ya da standartta belirtildiği şekilde yapılamayacağından uygunluk değerlendirmesi çalışıldığı şekli ile testin/analizin sonucuna göre yapılacaktır. Müşteri bundan doğacak tüm sorumlulukları kabul edecektir. (In case of insufficient amount of sample is sent, since the tests/analyzes cannot be repeated in 3 times or as specified in the standard, the conformity assessment will only be made according to one test/analysis result. The customer will accept all responsibilities arising from this situation.)
- ☐ Numune ambalajında gözlenen olumsuzluklar numunenin niteliğini ve/veya miktarını etkileyebilir. Bu durum, Madde 1 ve Madde 2'de belirtilen hususlara yol açacaktır. (The negativities observed in the sample packaging may affect the quality and/or quantity of the sample. This will lead to the issues defined in Clause 1 and 2.)
- ☐

Numunenin, **Numune Kabul, Tanımlama, Koruma ve İmha Prosedüründe** anlatılan kriterlere uymaması sebebi ile yukarıda tarafıma bildirilmiş olan sapmalardan doğacak sonuçları, bu durumun test/analiz sonuçlarının doğruluğunu ve güvenilirliğini etkileyebileceğini ve bu formun test/analiz sonuç raporunun ekinde tarafıma sunulacağını kabul ediyorum. (I accept that the consequences that may arise from the deviations reported to me above due to the sample not complying with the criteria described in the **Sample Acceptance, Identification, Protection and Destruction Procedure**, that this situation may affect the accuracy and reliability of the test/analysis results, and that this form will be submitted to me in the annex of the test/analysis result report.)

Müşteri Adı Soyadı (Customer Name and Surname) Tarih/İmza (Date/Sign)	Numune Kabul Personeli Adı Soyadı (Name and Surname of Sample Reception) Tarih/İmza (Date/Sign)
 YELDA GÜLTEKİN 26.08.2024	 Nperen Küçük 26.08.2024