

Test Report

Applicant : BATA INDUSTRIALS EUROPE
EUROPAPLEIN 1, 5684 ZC BEST
P.O. BOX 10050 , 5680 DB BEST
THE NETHERLANDS

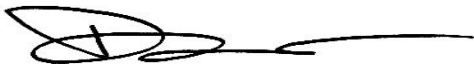
Issue Date : Jul 16, 2026

Attn : JOEY CHAN

SAMPLE DESCRIPTION AS DECLARED

Sample Description	One (1) pair of submitted sample said to be Cemented lace up safety shoes in Brown/Black.
Standard	EN ISO 20345:2022+A1: 2024
Toe Cap	Composite toe
Sole	EVA midsole + Rubber outsole
Upper	1.8-2.0 embossed split leather
Vamp Lining	Brown suede 1.0-1.2mm
Quarter Lining	Brown suede 1.0-1.2mm
Counter Lining	Brown suede 1.0-1.2mm
Insole	Kevlar insole
Insock	PU
Ref.	Style: Calus Graso Style No.: 805-40700
Date of Sample Received	Jul. 13, 2026
Testing Period	Jul. 13, 2026-Jul. 16, 2026
Date Final Information	--
Confirmed/Date Payment Received	

Approved By:
Intertek Testing Services Shenzhen Limited,
Guangzhou Branch



Guiliang Dong
Senior Lab Manager

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

Room 401/501/601/701-1/801/901/1003, No. 8, East BaoYing Road
Huangpu District, Guangzhou 510730

深圳天祥质量技术服务有限公司广州分公司

广州市黄埔区保盈东路8号401房、501房、601房、701房-1、801房、901房、1003房

Tel: +86 020-28299114 Postcode: 510730

www.intertek.com

1 Cold Insulation Of Outsole Complex (Whole Footwear)

EN ISO 20344:2021+A1: 2024, 5.16

Test Condition:	
Thermal Transfer Medium:	Stainless Steel Balls With 5 mm Diameter And A Total Mass Of (4±0.1) kg
Temperature Of Cold Box:	(-17±2) °C
Test Period:	(30±1) Minutes

Sample	Size	Results		Requirement	Pass/Fail
-	42	Left	6.0°C Temperature Decrease. (#)	^	Pass
	42	Right	5.0°C Temperature Decrease. (#)	^	Pass

Remark: ^ = Max. 10°C Temperature Decrease On The Upper Surface Of The Insole Or Insock.
 Except For The Insock, The Insulation Shall Be Incorporated In The Footwear In Such A Manner That It
 Cannot Be Removed Without Damaging The Footwear.
 # = Except For The Insock, The Insulation Is Incorporated In The Footwear That It Cannot Be Removed
 Without Damaging The Footwear.

Expanded Uncertainty: 0.36°C, With k= 2.01 At 95% Confidence Level.

2 Heat Insulation Of Sole Complex (Whole Footwear)

EN ISO 20344:2021+A1: 2024, 5.15

Test Conditions:	
Ambient Temperature	(25±5) °C
Thermal Transfer Medium	Stainless Steel Balls With 5 mm Diameter And A Total Mass Of (4±0.1) kg
Temperature Of Hot Plate	(150±5)°C
Test Period	(30±1) Minutes

Sample	Size	Results		Requirement	Pass/Fail
-	42	Left	10.0°C Temperature Increase. (#)	^	Pass
	42	Right	6.5°C Temperature Increase. (#)	^	Pass

Remark: ^ = Max. 22°C Temperature Increase On The Upper Surface Of The Insole Or Insock.
 Except For The Insock, The Insulation Shall Be Incorporated In The Footwear In Such A Manner That It Cannot Be Removed Without Damaging The Footwear.
 After (30±1) Minutes, The Footwear Shall Not Show Any Sign Of Degradation As Follows:
 - Cracks On The Outsole Greater Than 10 mm Long And 3 mm Deep;
 - Upper/Outsole Separation Of More Than 15 mm Long Or 5 mm Wide (Deep);
 - Pronounced Deformation And Cracks On The Insole And Insock (If Any) Greater Than 10 mm Long And Deeper Than The Half Material Thickness;
 - Pronounced Deformation Of The Outsole Due To Any Of The Following Causes:
 - Joining Of 2 Or More Cleats Due To The Material Melting;
 - Decrease In The Cleat height To Less Than Half Of The Initial Height;
 - Melting Of The Outside Of The Cleat And The Midsole Becomes Visible;
 - Beginning Of Pronounced And Deep Cracking Affecting Half Of The Upper Material Thickness;
 - The Upper Shows Areas With Deformations Or Split Seams Causes.

 # = Except For The Insock, The Insulation Is Incorporated In The Footwear That It Cannot Be Removed Without Damaging The Footwear. After Testing, The Footwear Showed No Signs Of Degradation In Accordance With The Requirement.

Expanded Uncertainty: 0.86°C, with k=1.97 at 95% Confidence Level.



End of Report

The statement of conformity in this report is based on the decision rules agreed upon by the Client. Intertek has taken into account the measurement uncertainty calculated by the laboratory. This applies only where no specific decision rules are defined by the Client, regulatory requirements, or standard specifications. Please note that the applied decision rule is applicable solely to numerical test results. For any other cases where specific decision rules have been established by the Client, regulations, or standards, those rules will take precedence over the general guidelines used herein.

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to and subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek assumes no liability to any party, other than to the Client in accordance with responsible for all the information provided in the reports, except when information is provided the agreement, for any loss, expense or damage occasioned by the use of this report, Intertek is responsible for all the information provided in the report, except when information is provided by the Client or when the Client requires the item to be tested acknowledging a deviation from specified conditions that can affect the validity of results.

All samples information provided in this report was submitted by the Client. The Client is solely responsible for the accuracy and completeness of the samples and associated information. The observations and test results in this report are relevant to the sample(s) tested and submitted by client, The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. This report does not discharge or release you from your legal obligations and duties to any other person. Only the Client is authorized to permit copying or distribution of this report and the report shall not be reproduced except in full, Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek, This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Intertek Testing Services Shenzhen Limited, Guangzhou Branch

Room 401/501/601/701-1/801/901/1003, No. 8, East BaoYing Road

Huangpu District, Guangzhou 510730

深圳天祥质量技术服务有限公司广州分公司

广州市黄埔区保盈东路8号401房、501房、601房、701房-1、801房、901房、1003房

Tel: +86 020-28299114 Postcode: 510730

www.intertek.com