

CERTIFICATE OF EU TYPE-EXAMINATION

The **ASOCIACIÓN DE INVESTIGACIÓN PARA LA INDUSTRIA DEL CALZADO Y CONEXAS (INESCOP)**, a Notified Body with registry number 0160, under Regulation (EU) 2016/425 of 9th March 2016, **certifies** that the following personal protective equipment:

Product: Safety footwear according EN ISO 20345:2022 + A1:2024

Identification: Dunlop Purofort® Thermo+
EN ISO 20345:2022 + A1:2024
Level of protection S5+SR+CI+CR+AN+FO
Design D

has been subjected to examination by this Notified Body, and it has been checked that it complies with the essential requirements of the Regulation and the applicable requirements to PPE category II.

Applicant: Dunlop Protective Footwear
P.O. BOX, 1
8100 AA Raalte
The Netherlands

Elda, 25th September 2024. Valid till 25th September 2029

Ana Torró Palau
Head of Certification



Certificate
No. 0160 0467 24

This certificate shall only be valid when accompanied by the relevant technical annex

Certificate of EU type-examination no. 0160 0467 24**1.- DESCRIPTION OF THE MODEL**

In accordance with the manufacturer's technical file, the product "Dunlop Purofort® Thermo+, EN ISO 20345:2022 + A1:2024, S5+SR+CI+CR+AN+FO, Design D" match the following features:

- Knee-height boot Safety for professional use
- Conceived in accordance with the Standard EN ISO 20345:2022 + A1:2024 level of protection S5+SR+CI+CR+AN+FO.
- Classification II
- Manufactured sizes: UK05-UK12
- The external appearance of the model is shown in the following photographs:



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Components subject to control according to EN ISO 20344:2022 + A1:2024:

- Upper: Polyurethane Thermo+ compound. Red or Black support fabric.
- Collar: Not applicable.
- Lining: Not applicable.
- Tongue: Not applicable.
- Insock:
Option 1: Whole, moulded and removable, made of grey fabric on black cellular.
Option 2: Whole, and removable, made of grey fabric labelled in red on black polymeric material.
- Insole: Not applicable.
- Outsole: Polyurethane Thermo+ compound.
- Toe-cap: Coated steel.
- Penetration resistant insert: Coated steel midsole.

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- Harmonised Standard EN ISO 20344:2022 + A1:2024
"Personal protective equipment - Test methods for footwear".
- European Standard EN ISO 20345:2022 + A1:2024
"Personal protective equipment - Safety footwear".

Verified properties

The product "Dunlop Purofort® Thermo+, EN ISO 20345:2022 + A1:2024, S5+SR+CI+CR+AN+FO, Design D" has met:

1. All the basic requirements specified in tables 2 and 3 of the Standard EN ISO 20345:2022 + A1:2024
2. The additional requirements included in table 16 of the Standard EN ISO 20345:2022 + A1:2024, which are stated below:
 - Closed seat region
 - Penetration resistance
 - Electrical resistance (antistatic)
 - Energy absorption in the seat region
 - Cleated outsole
 - Cold insulation
 - Outsole resistance to fuel-oil
 - Slip resistance on ceramic tile floor with glycerine
 - Cut resistance
 - Ankle protection

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Verified properties (cont.)

The verification of compliance with the applicable technical standards is recorded in the following technical reports:

TEST	REPORT No.
General Requirements	
Whole footwear	
Height of upper	C-24072214
Internal length of toe-cap	C-24092906
Toe-cap flange width	C-24092906
Impact resistance	C-24092906
Compression resistance	C-24092906
Corrosion resistance	C-24092906
Leakproofness	C-24072214
Specific ergonomic features	C-24072214
Slip resistance	C-24092906
Innocuousness	C-24072214
	C-21093226
	C-23067826V2
	C-24020628
Upper	
Thickness	C-24072214
Tensile strength	C-22075479
Flexing resistance	C-22075479
Hydrolysis	C-22075479
Insock	
Insock 1	
Water absorption and desorption	C-23067826V2
Abrasion resistance	C-23067826V2
Insock 2	
Water absorption and desorption	C-24020628
Abrasion resistance	C-24020628

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TEST	REPORT No.
Outsole	
Thickness	C-24072214
Cleated area	C-24072214
Cleat height	C-24072214
Tear strength	C-21113011
Abrasion resistance	C-21113011
Flex resistance	C-24072214
Hydrolysis	C-21113011
Additional requirements	
Whole footwear	
Penetration resistance	C-24072214
Dimensional conformity of penetration resistant insert	C-24072214
Flex resistance of the penetration resistant insert	C-24020628
Corrosion resistance	C-24071948
Electrical resistance (antistatic)	C-24020628
Cold insulation	C-24071948
Energy absorption of seat region	C-24072214
Slip resistance on ceramic tile floor with glycerine	C-24072214
Ankle protection	C-24072214
Upper	
Cut protection	C-22075479
Outsole	
Resistance to fuel-oil	C-21113011

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According to the properties verified in the examination of the model, each item of footwear shall be marked with the following information:

- CE Marking (under article 30 of Regulation (EC) 765/2008)
- Size
- Manufacturer's identification mark
- Address
- Product identification
- Batch or serial number
- Date of manufacture (month and year)
- European Standard Code EN ISO 20345:2022 + A1:2024
- Symbols corresponding to the class of protection provided (S5+SR+CI+CR+AN+FO)

This information shall be clearly and permanently marked in accordance with the criteria established in the applicable directives and technical standards.

5.- VALIDITY OF THE CERTIFICATE

The certificate of EU type-examination will only be valid as original document and as long as the conditions under which it has been issued are not altered. It shall be reproduced with no changes.

This notified body shall be informed of any alteration to the components or the information contained in the technical file.