

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® MK-4A
EN ISO 20345:2022 + A1:2024
Level of protection S4+SR+CI+FO
Design C and 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 July 2024. Valid till 25th July 2029

Ana Torró Palau
Head of Certification



Certificate
No. 0160 0453 24

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

Certificate of EU type-examination no. 0160 0453 24**1.- DESCRIPTION OF THE MODEL**

In accordance with the manufacturer's technical file, the product "Dunlop Purofort® MK-4A, EN ISO 20345 + A1:2024, S4+SR+CI+FO, design C and 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 S4+SR+CI+FO.
- Classification II
- Manufactured sizes: from 35 to 50
- The external appearance of the model is shown in the following photographs:



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2.- DESCRIPTION OF THE COMPONENTS

Components subject to control according to EN ISO 20344:2021 + A1:2024

- Upper: Polyurethane Standard compound. Blue or green 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 with red lettering on black polymeric material.
- Insole: Not applicable.
- Outsole: Polyurethane standard compound.
- Toe-cap: Coated steel.
- Penetration resistant insert: Not applicable.

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3.- LEVEL OF PROTECTION

Applicable technical standards

- Harmonised Standard EN ISO 20344:2021 + 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® MK-4A, EN ISO 20345 + A1:20345:2024 S4+SR+CI+FO, design C and 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
- 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

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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-24072211
Internal length of toe-cap	C-24041340
Toe-cap flange width	C-24041340
Impact resistance	C-24072211
Compression resistance	C-24072211
Corrosion resistance	C-24041340
Leakproofness	C-24072211
Specific ergonomic features	C-24072211
Slip resistance	C-24072211
Innocuousness	C-21093226
	C-23067826V2
	C-24020628
Upper	
Thickness	C-24072211
Tensile strength	C-21011056
Flexing resistance	C-21011056
Hydrolysis	C-21011055
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
Outsole	
Thickness	C-24072211
Cleated area	C-24072211
Cleat height	C-24072211
Tear strength	C-21011056
Abrasion resistance	C-21011056
Flex resistance	C-24072211
Hydrolysis	C-21011056

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Additional requirements	
Whole footwear	
Electrical resistance (antistatic)	C-24072211
Cold insulation	C-24072211
Energy absorption of seat region	C-24072211
Slip resistance on ceramic tile floor with glycerine	C-24072211
Outsole	
Resistance to fuel-oil	C-24041340

4.- MARKING ON THE PRODUCT

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 (S4+SR+CI+FO)

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

Certificate of EU type-examination no. 0160 0453 24**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.