

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

Identification: Dunlop Purofort® MK-3D Full Safety

Level of protection S5+SR+CI+HRO+FO+LG+CR

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 (Overijssel)

The Netherlands

Elda, 23rd June 2023. Valid till 23rd June 2028

Ana Torró Palau
Head of Certification



Certificate
No. 0160 0419 23

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

Certificate of EU type-examination no. 0160 0419 23**1.- DESCRIPTION OF THE MODEL**

In accordance with the manufacturer's technical file, the product "Dunlop Purofort® MK-3D Full Safety, EN ISO 20345:2022, S5+SR+CI+HRO+FO+LG+CR, design D" match the following features:

- Knee-height boot Safety for professional use
- Conceived in accordance with the Standard EN ISO 20345:2022. Level of protection S5+CI+FO+HRO+LG+SR.
- Classification II
- Manufactured sizes: from 35 to 50
- The external appearance of the model is shown in the following photographs:



Certificate of EU type-examination no. 0160 0419 23**2.- DESCRIPTION OF THE COMPONENTS**

Components subject to control according to EN ISO 20344:2011

- Upper: Polyurethane. Red support fabric.
- Collar: Not applicable.
- Lining: Not applicable.
- Tongue: Not applicable.
- Insock: Whole, moulded and removable, grey fabric on black foam material, reinforced with black fabric.
- Insole: Not applicable.
- Outsole: Vulcanized rubber.
- Toe-cap: Coated steel.
- Penetration resistant insert: Coated steel.

Certificate of EU type-examination no. 0160 0419 23

3.- LEVEL OF PROTECTION

Applicable technical standards

- Harmonised Standard EN ISO 20344:2011 "Personal protective equipment - Test methods for footwear".
- European Standard EN ISO 20345:2022 "Personal protective equipment - Safety footwear".

Verified properties

The product "Dunlop Purofort® MK-3D Full Safety, EN ISO 20345:2022, S5+SR+CI+HRO+FO+LG+CR, design D" has met:

1. All the basic requirements specified in tables 2 and 3 of the Standard EN ISO 20345:2022
2. The additional requirements included in table 16 of the Standard EN ISO 20345:2022, which are stated below:

- Closed seat region
- Penetration resistance
- Electrical resistance (antistatic)
- Energy absorption in the seat region
- Cold insulation
- Slip resistance on ceramic tile floor with glycerine
- Cleated outsole
- Resistance of the outsole to hot contact
- Outsole resistance to fuel-oil
- Ladder Grip
- Cut resistance

Certificate of EU type-examination no. 0160 0419 23
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-23067826
Upper/outsole bond strength	C-23067826
Internal length of toe-cap	C-23067826
Toe-cap flange width	C-23067826
Impact resistance	C-23067826
Compression resistance	C-23067826
Corrosion resistance	C-23067826
Leakproofness	C-23067826
Specific ergonomic features	C-23067826
Slip resistance	C-23067826
Innocuousness	C-23067826
Upper	
Thickness	C-23067826
Tensile strength	C-23067826
Flexing resistance	C-23067826
Hydrolysis	C-23067826
Insock	
Water absorption and desorption	C-23067826
Abrasion resistance	C-23067826
Outsole	
Thickness	C-23067826
Cleated area	C-23067826
Cleat height	C-23067826
Tear strength	C-23067826
Abrasion resistance	C-23067826
Flex resistance	C-23067826

Certificate of EU type-examination no. 0160 0419 23

TEST	REPORT No.
Additional requirements	
Whole footwear	
Penetration resistance	C-23067826
Dimensional conformity of penetration resistant insert	C-23067826
Flex resistance of the penetration resistant insert	C-23067826
Corrosion resistance	C-23067826
Antistatic footwear	C-23067826
Cold insulation	C-23067826
Energy absorption of seat region	C-23067826
Slip resistance on ceramic tile floor with glycerine	C-23067826
Upper	
Cut resistance	4262417/E
Outsole	
Resistance to hot contact	C-23067826
Resistance to fuel-oil	C-23067826
Ladder Grip	C-23067826

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

Certificate of EU type-examination no. 0160 0419 23

- Batch or serial number
- Date of manufacture (month and year)
- European Standard Code EN ISO 20345:2022
- Symbols corresponding to the class of protection provided (S5+SR+CI+HRO+FO+LG+CR)

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.