

## 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 9<sup>th</sup> March 2016, **certifies** that the following personal protective equipment:

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

**Identification:** Dunlop Purofort® MK-3  
EN ISO 20345:2022 + A1:2024  
Level of protection S5+SR+CI+CR+FO  
Design C, D and E

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, 25<sup>th</sup> July 2024. Valid till 25<sup>th</sup> July 2029

Ana Torró Palau  
Head of Certification



Certificate  
No. 0160 0455 24

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

**Certificate of EU type-examination no. 0160 0455 24**

## 1.- DESCRIPTION OF THE MODEL

In accordance with the manufacturer's technical file, the product "Dunlop Purofort® MK-3, EN ISO 20345:2022 + A1:2024, S5+SR+CI+CR+FO, Design C, D and E" match the following features:

- Half-knee, knee-height or thigh boot Safety for professional use
- Conceived in accordance with the Standard EN ISO 20345:2022 + A1:2024 level of protection S5+SR+CI+CR+FO.
- Classification II
- Manufactured sizes:
  1. Desing C and D: from 36 to 50
  2. Desing E: from 40 to 50
- The external appearance of the model is shown in the following photographs:

**Certificate of EU type-examination no. 0160 0455 24**



Design C



Design D



Desing E



Desing E



**Certificate of EU type-examination no. 0160 0455 24**

## 2.- DESCRIPTION OF THE COMPONENTS

Components subject to control according to EN ISO 20344:2011

- Upper: Polyurethane Standard compound. Blue or green support fabric.  
Design E: incorporates an impermeable fabric which extends the upper.
- 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 standard compound.
- Toe-cap: Coated steel.
- Penetration resistant insert: Coated steel midsole.

**Certificate of EU type-examination no. 0160 0455 24**

## 3.- LEVEL OF PROTECTION

Applicable technical standards

- 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® MK-3, EN ISO 20345:2022 + A1:2024, S5+SR+CI+CR+FO, Design C, D and E" 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

**Certificate of EU type-examination no. 0160 0455 24**

Verified properties (cont.)

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

TEST	REPORT No.
<b>General Requirements</b>	
<b>Whole footwear</b>	
Height of upper	C-24071948
Internal length of toe-cap	C-24041340
Toe-cap flange width	C-24041340
Impact resistance	C-24020628
Compression resistance	C-24020628
Corrosion resistance	C-24041340
Leakproofness	C-24071948
Specific ergonomic features	C-24071948
Slip resistance	C-24071948
Innocuousness	C-21093226
	C-23067826V2
	C-24071948
	C-24020628
<b>Upper</b>	
Thickness	C-24071948
Tensile strength	C-21011056
Flexing resistance	C-21011056
Hydrolysis	C-21011055
<b>Insock</b>	
Insock 1	
Water absorption and desorption	C-23067826V2
Abrasion resistance	C-23067826V2
Insock 2	
Water absorption and desorption	C-24020628
Abrasion resistance	C-24020628

**Certificate of EU type-examination no. 0160 0455 24**

TEST	REPORT No.
<b>Outsole</b>	
Thickness	C-24071948
Cleated area	C-24071948
Cleat height	C-24071948
Tear strength	C-21011056
	C-24071948
Abrasion resistance	C-21011056
	C-24071948
Flex resistance	C-24071948
Hydrolysis	C-21011056
	C-24071948
<b>Additional requirements</b>	
<b>Whole footwear</b>	
Penetration resistance	C-24020628
	C-24071948
Dimensional conformity of penetration resistant insert	C-24071948
Flex resistance of the penetration resistant insert	C-24020628
	C-24071948
Corrosion resistance	C-24020628
	C-24071948
Electrical resistance (antistatic)	C-24071948
Cold insulation	C-24071948
Energy absorption of seat region	C-24071948
Slip resistance on ceramic tile floor with glycerine	C-24071948
<b>Upper</b>	
Cut protection	C-24071948
<b>Outsole</b>	
Resistance to fuel-oil	C-24041340
	C-24071948

**Certificate of EU type-examination no. 0160 0455 24****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 (S5+SR+CI+CR+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.