

## 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 20345:2011

***Identification:*** Dunlop Purofort® MK-7A

***Level of protection*** S5+SRC+CI+CR

***Design*** C, D or 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, 2<sup>nd</sup> February 2022. Valid till 2<sup>nd</sup> February 2027

Ana Torró Palau  
Head of Certification



Certificate  
No. 0160 0313 21  
Revision 3

This certificate is  
complemented by the  
technical annex bearing  
the same number.

**Certificate of EU type-examination no. 0160 0313 21 Revision 3**

1.- DESCRIPTION OF THE MODEL

In accordance with the manufacturer's technical file, the product "Safety Footwear, DUNLOP PUROFORT® Professional MK-7A" match the following features:

- Half-knee, knee-height or Thigh boot Safety for professional use
- Conceived in accordance with the Standard EN ISO 20345:2011. Level of protection S5+SRC+CI+CR.
- Classification II
- Manufactured sizes: from 35 to 48
- The external appearance of the product is shown in the following photographs:



Design C



Design D



Desing E



Desing E



Outsole

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## 2.- DESCRIPTION OF THE COMPONENTS

Components subject to control according to EN ISO 20344:2011

- Upper: Polyurethane whit red or black support fabric.  
Design E: incorporates an impermeable fabric which extends the upper.
- Collar: Not applicable.
- Lining:  
Option 1: Not applicable.  
Option 2: Fur lining
- Tongue: Not applicable.
- Insock:  
Option 1: Whole, moulded and removable, made of grey fabric on black cellular material with stitching in forepart.  
Option 2: Not applicable
- Insole:  
Option 1: Not applicable.  
Option 2: Brown non-woven fabric over white non-woven fabric, reinforced with white fabric
- Outsole: Polyurethane.
- Toe-cap: Coated steel.
- Penetration resistant insert: Coated steel.

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## 3.- LEVEL OF PROTECTION

Applicable technical standards

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

Verified properties

The product "Safety Footwear, DUNLOP PUROFORT® Professional MK-7A" has met:

1. All the basic requirements specified in tables 2 and 3 of the Standard EN ISO 20345:2011
2. The additional requirements included in table 18 of the Standard EN ISO 20345:2011, which are stated below:
  - Closed seat region
  - Penetration resistance
  - Electrical resistance (antistatic)
  - Energy absorption in the seat region
  - Cleated outsole
  - Cold insulation
  - Cut protection
  - Outsole resistance to fuel-oil

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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.
<b>General Requirements</b>	
<b>Whole footwear</b>	
Height of upper	
<i>Design D &amp; E</i>	C-21011055
<i>Desing C</i>	C-21093226
Upper/outsole bond strength	C-21011056
Internal length of toe-cap	C-21011055
Toe-cap flange width	C-21011055
Toe-cap covering	C-21011055
Impact resistance	
<i>Option 1</i>	C-21011055
<i>Option 2</i>	C-21103304
Compression resistance	
<i>Option 1</i>	C-21011055
<i>Option 2</i>	C-21103304
Corrosion resistance	C-21011055
	C-21011055
Leakproofness	C-21124342
Specific ergonomic features	
<i>Option 1-Design D</i>	C-21011055
<i>Option 1-Desing C</i>	C-21093226
<i>Option 2-Desing C</i>	C-21103304
<i>Option 1-Desing E</i>	C-21124342
Slip resistance	C-21011055
Innocuousness	C-21093226
	C-21103304
	C-21124342
<b>Upper</b>	
Thickness	C-21011056
Tensile strength	C-21011056
Flexing resistance	C-21011055
Hydrolysis	C-21011055

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TEST	REPORT No.
<b>Vamp and quarter lining</b> (option 2)	
Tear strength	C-21103304
Abrasion resistance	C-21103304
<b>Seat lining</b> (option 2)	
Tear strength	C-21103304
Abrasion resistance	C-21103304
<b>Insole</b> (option 2)	
Thickness	C-21103304
Water absorption and desorption	C-21103304
Abrasion resistance	C-21103304
<b>Outsole</b>	
Thickness	C-21011055
Cleated area	C-21011055
Cleat height	C-21011055
Tear strength	C-21011056
Abrasion resistance	C-21011056
Flex resistance	C-21011055
Hydrolysis	C-21011056
<b>Additional requirements</b>	
<b>Whole footwear</b>	
Penetration resistance	C-21011055
Dimensional conformity of penetration resistant insert	C-21011055
Flex resistance of the penetration resistant insert	C-21011055
Corrosion resistance	C-21011055
Electrical resistance	
<i>Option 1</i>	C-21011055
<i>Option 2</i>	C-21103304
Cold insulation	C-21011055
Energy absorption of seat region	C-21011055
<b>Upper</b>	
Cut protection	C-21011055
<b>Outsole</b>	
Resistance to fuel-oil	C-21011056

Option 1: without lining and insole, with insock.

Option 2: with lining and insole, without insock.

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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 20345:2011
- Symbols corresponding to the class of protection provided (S5+SRC+CI+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.

This review updates and cancels previous ones.