



Prod. Ref. 35150-002
Safety cat. S3 SRC
Range of sizes 39 - 47 (6 - 12)
Weight (sz. 8) 610 g
Shape B
Width 11

Description: Brown water repellent nubuck Pull-up ankle boot, leather and textile lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

Plus: **PU15** footbed, made of scented and highy shock absorbing polyurethane, thans to the 15 mm thickness in the heel area, anatomic, antistatic, holed. The upper layer is made of antibacterial textile to prevent from bad odours, to absorb moisture and keep the foot dry. Perfumed sole. Padded collar. **Provided with another pair of laces of a different colour**

Suggested uses: Construction, maintenance, industries.

Care and maintenance: Clean after each use and dry off away from direct heat; treat the leather with a suitable shoe-polish. Avoid contact with aggressive chemicals or extreme temperature. Avoid immersion in sea water, lime water or cement mixed with water.

MATERIALS / ACCESSORIES

Complete shoe **Toe cap:** **ALUMINIUM** made, ultra light, impact resistant until 200 J and compression resistant until 1500 kg

Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, **Zero Perforation**

Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges

Energy absorption system: polyurethane low density and heel profile

Upper Brown water repellent Pull-Up nubuck thickness 1,4/1,6 mm

Vamp Felt, breathable, colour dark grey
lining Thickness 1,2 mm

Quarter Textile, breathable, abrasion resistant, colour orange
lining Thickness 1,2 mm

Sole Antistatic dual density polyurethane directly injected in the upper:
 Outsole: orange, high density, slipping resistant, abrasion resistant and hydrocarbons resistant,
 Midsole: ivory, low density, comfortable and anti-shock
 Adherence coefficient of the sole

SAFETY TECHNICAL SPECIFICATIONS

| | Clause EN ISO 20345:2011 | Description | Unit | Cofra result | Requirement | |
|----------------------|--|--|---------------------------|-----------------------|------------------|-------|
| Complete shoe | 5.3.2.3 | Shock resistance (clearance after shock) | mm | 14,5 | ≥ 14 | |
| | 5.3.2.4 | Compression resistance (clearance after compression) | mm | 14,5 | ≥ 14 | |
| | 6.2.1 | Penetration resistance | N | To 1100 N | ≥ 1100 | |
| | | | | No perforation | | |
| | 6.2.2.2 | Electric resistance | | | | |
| | | - wet | MΩ | 200 | ≥ 0.1 | |
| | | - dry | MΩ | 535 | ≤ 1000 | |
| | 6.2.4 | Shock absorption | J | 28 | ≥ 20 | |
| | Upper | 5.4.6 | Water vapour permeability | mg/cmq h | > 4,7 | ≥ 0,8 |
| | | | Permeability coefficient | mg/cmq | > 47,7 | > 15 |
| Vamp | 6.3.1 | Water absorption | | 20% | ≤ 30% | |
| | | Water penetration | | 0,0 g | ≤ 0,2 g | |
| lining | 5.5.3 | Water vapour permeability | mg/cmq h | > 4,7 | ≥ 2 | |
| | | Permeability coefficient | mg/cmq | > 40,6 | ≥ 20 | |
| Quarter | 5.5.3 | Water vapour permeability | mg/cmq h | > 9,8 | ≥ 2 | |
| | | Permeability coefficient | mg/cmq | > 78,5 | ≥ 20 | |
| Sole | 5.8.3 | Abrasion resistance (lost volume) | mm ³ | 59 | ≤ 150 | |
| | 5.8.4 | Flexing resistance (cut increase) | mm | 1 | ≤ 4 | |
| | 5.8.6 | Interlayer bond strength | N/mm | > 5 | ≥ 4 | |
| | 6.4.2 | Hydrocarbons resistance (ΔV = volume increase) | % | + 0,1 | ≤ 12 | |
| | 5.3.5 | SRA : ceramic + detergent solution – flat | | 0,55 | ≥ 0,32 | |
| | SRA : ceramic + detergent solution – heel (contact angle 7°) | | 0,36 | ≥ 0,28 | | |
| | SRB : steel + glycerol – flat | | 0,25 | ≥ 0,18 | | |
| | SRB : steel + glycerol – heel (contact angle 7°) | | 0,15 | ≥ 0,13 | | |

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