



Prod. Ref. 35070-002
Safety cat. S3 SRC
Range of sizes 39 - 47 (6 - 12)
Weight (sz. 8) 560 g
Shape A
Width 11

Description: Brown water repellent nubuck shoe, textile lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

Plus: **PU15** footbed, made of scented and high shock absorbing polyurethane, than 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. **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 nubuck thickness 1,4/1,6 mm
Vamp	Felt, breathable, colour dark grey
lining	Thickness 1,2 mm
Quarter	Textile, breathable, abrasion resistant, colour brown
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
	5.3.2.3	Shock resistance (clearance after shock)	mm	14,3	≥ 14
	5.3.2.4	Compression resistance (clearance after compression)	mm	14,6	≥ 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	28,5	≥ 20
	5.4.6	Water vapour permeability	mg/cmq h	> 4,9	≥ 0,8
		Permeability coefficient	mg/cmq	> 47,1	> 15
	6.3.1	Water absorption		24%	≤ 30%
		Water penetration		0,0 g	≤ 0,2 g
	5.5.3	Water vapour permeability	mg/cmq h	> 4,7	≥ 2
		Permeability coefficient	mg/cmq	> 40,6	≥ 20
	5.5.3	Water vapour permeability	mg/cmq h	> 9,8	≥ 2
		Permeability coefficient	mg/cmq	> 78,5	≥ 20
	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