

Prod. Ref.	26680-001
Safety cat.	S3 HI CI HRO SRC
Range of sizes	39 - 47 (6 - 12)
Weight (sz. 8)	780 g
Shape	C
Width (6,5 - 12)	11

Description: Beige water repellent full grain leather rigger boot, unlined, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**

Plus: **METAL FREE. HEAT BARRIER** footbed made of soft and scented polyurethane, antistatic, anatomic, insulating against high temperatures, covered with cloth. The thermal comfort inside the footwear is granted thanks to the special polyurethane compound devised to give high insulation. **ANTI TORSION SUPPORT** made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings and/or unwilling torsion. Outsole resistant to +300°C (1 minute contact). Perfumed sole

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

SAFETY TECHNICAL SPECIFICATIONS

		Clause EN ISO 20345:2011	Description	Unit	Cofra result	requirement
Complete shoe	Toe cap: non metallic TOP RETURN toe cap, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	15	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	15	≥ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance	N	To 1100 N	≥ 1100
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance		No Perforation	
			- wet	MΩ	66,2	≥ 0.1
			- dry	MΩ	872	≤ 1000
	Heat insulation	6.2.3.1	Heat insulation (temp. increase after 30' at 150 °C)	°C	19,5	≤ 22
	Cold insulation	6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	7,5	≤ 10
	Energy absorption system	6.2.4	Shock absorption	J	29	≥ 20
	Upper Beige water repellent full grain leather thickness 1,8//2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	> 3,4	≥ 0,8
			Permeability coefficient	mg/cmq	> 29,3	> 15
		6.3.1	Water resistance	minutes	8%	> 60
Vamp lining Sole	Felt, breathable, colour dark grey	5.5.3	Water vapour permeability	mg/cmq h	> 4,7	≥ 2
			Permeability coefficient	mg/cmq	> 40,6	≥ 20
	Thickness 1,2 mm	5.8.3	Abrasion resistance (lost volume)	mm ³	90	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	1,5	≤ 4
		5.8.6	Interlayer bond strength	N/m	4,4	≥ 3
		6.4.4	Hot resistance (300 °C)	----	any melting	any melting
	Polyurethane /Nitrile rubber , antistatic, resistant to high temperatures, directly injected in the upper: Outsole: beige nitrile rubber, slipping resistant, abrasion resistant, hydrocarbons resistant and heat resistant. Midsole: beige polyurethane, made of a special compound which resists to 150°C for 30 minutes without its chemical-physical features being altered	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	+ 2,5	≤ 12

Adherence coefficient of the sole

5.3.5

SRA : ceramic + detergent solution – flat

0,42

≥ 0,32

SRA : ceramic + detergent solution – heel (contact angle 7°)

0,33

≥ 0,28

SRB : steel + glycerol – flat

0,22

≥ 0,18

SRB : steel + glycerol – heel (contact angle 7°)

0,16

≥ 0,13