



Prod. Ref.	35070-004
Safety cat.	S3 SRC
Range of sizes	39 - 47 (6 - 12)
Weight (sz. 8)	560 g
Shape	A
Width	11

Description: Black water repellent leather shoe, 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. **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

SAFETY TECHNICAL SPECIFICATIONS

		Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement
Complete shoe	Toe cap: ALUMINIUM made, ultra light, impact resistant until 200 J and compression resistant until 1500 kg	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
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance	N	To 1100 N	≥ 1100
					No perforation	
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	200	≥ 0.1
			- dry	MΩ	535	≤ 1000
	Energy absorption system: polyurethane low density and heel profile	6.2.4	Shock absorption	J	28,5	≥ 20
Upper	Black water repellent leather thickness 1,4/1,6 mm	5.4.6	Water vapour permeability	mg/cmq h	> 1	≥ 0,8
			Permeability coefficient	mg/cmq	> 17,4	> 15
		6.3.1	Water absorption		9%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
Vamp	Felt, breathable, colour grey	5.5.3	Water vapour permeability	mg/cmq h	> 4,7	≥ 2
lining	Thickness 1,2 mm		Permeability coefficient	mg/cmq	> 40,6	≥ 20
Quarter	Textile, breathable, abrasion resistant, colour white	5.5.3	Water vapour permeability	mg/cmq h	> 9,8	≥ 2
lining	Thickness 1,2 mm		Permeability coefficient	mg/cmq	> 78,5	≥ 20
Sole	Antistatic dual density polyurethane directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)	mm ³	59	≤ 150
	Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant,	5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4
		5.8.6	Interlayer bond strength	N/mm	> 5	≥ 4
	Midsole: ivory, low density, comfortable and anti-shock	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	+ 0,1	≤ 12
	Adherence coefficient of the sole	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	