



Prod. Ref.	25550-000
Safety cat.	S3 SRC
Range of sizes	36 - 48 (3 - 13)
Weight (sz. 8)	700 g
Shape	B
Width (3 - 6)	10
Width (6,5 - 13)	11

Description: Black water repellent leather ankle boot, **TEXELLE** lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

Plus: **AIR** footbed, made of EVA and fabric, antistatic, anatomic, holed. It guarantees high stability thanks to its different kinds of thickness in the plantar area. Arch 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. Bellows tongue. Padded collar. 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: steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	15,5	≥ 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	21	≥ 0.1
			- dry	MΩ	66	≤ 1000
Upper	Energy absorption system: polyurethane low density and heel profile	6.2.4	Shock absorption	J	> 34	≥ 20
	Black water repellent leather thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	> 1,1	≥ 0,8
			Permeability coefficient	mg/cmq	> 16,1	> 15
Vamp	Felt, breathable, colour dark grey thickness 1,2 mm	6.3.1	Water absorption		14%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
lining	thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 4,5	≥ 2
			Permeability coefficient	mg/cmq	> 39,2	≥ 20
Quarter	TEXELLE , breathable, abrasion resistant, colour black thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 6,8	≥ 2
			Permeability coefficient	mg/cmq	> 55,4	≥ 20
Sole	Antistatic dual-density polyurethane directly injected in the upper: Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant, Midsole: black, low density, comfortable and anti-shock Adherence coefficient of the sole	5.8.3	Abrasion resistance (lost volume)	mm ³	88	≤ 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)	%	0,5	≤ 12
		5.3.5	SRA : ceramic + detergent solution – flat		0,57	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,52	≥ 0,28
			SRB : steel + glycerol – flat		0,22	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		0,18	≥ 0,13		