



Prod. Ref.	20630-000
Safety cat.	S3 CI SRC
Range of sizes	36 - 48 (3 - 13)
Weight (sz. 8)	623 g
Shape	B
Width	11

Description: Black water repellent full grain leather ankle boot, 100% polyamide fabric lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**

Plus: METAL FREE. EVANIT footbed, made of EVA and nitrile special compound, with high bearing capacity and variable thickness. Thermoformed, punched and coated with highly breathable fabric. Antistatic thanks to a specific treatment on the surface and to seams made of conductive yarns. **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. Perfumed sole. **TPU toe cap protection**

Suggested uses: Construction, maintenance, industries

Care and maintenance: Clean after each use and dry off away from direct heat. 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	16	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	15,5	≥ 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	32,6	≥ 0.1
			- dry	MΩ	658	≤ 1000
	Cold insulation	6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	6	≤ 10
	Energy absorption system	6.2.4	Shock absorption	J	37	≥ 20
Upper	Black water repellent full grain leather thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	> 1	≥ 0,8
			Permeability coefficient	mg/cmq	> 15,3	> 15
		6.3.1	Water absorption		14%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
Upper	Grey water repellent leather thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	> 1	≥ 0,8
			Permeability coefficient	mg/cmq	> 16,2	> 15
		6.3.1	Water absorption		7%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
Vamp	Felt, breathable, colour dark 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	100% polyamide fabric, breathable, abrasion resistant, colour black thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 9,8	≥ 2
			Permeability coefficient	mg/cmq	> 79,7	≥ 20
Sole	Antistatic Polyurethane/TPU directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)	mm ³	112	≤ 150
	Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.	5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4
	Midsole: Black polyurethane, low density, comfortable and anti-shock	5.8.6	Interlayer bond strength	N/mm	4,2	≥ 4
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	0,9	≤ 12

SRA : ceramic + detergent solution – flat	0,62	≥ 0,32
SRA : ceramic + detergent solution – heel (contact angle 7°)	0,58	≥ 0,28
SRB : steel + glycerol – flat	0,26	≥ 0,18
SRB : steel + glycerol – heel (contact angle 7°)	0,19	≥ 0,13