



Prod. Ref.	78691-001
Safety cat.	S1 P SRC
Range of sizes	36 - 48 (3 - 13)
Weight (sz. 8)	550 g
Shape	B
Width	11

Description: Blue punched suede leather ankle boot, **SANY-DRY**[®] lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**

Plus: 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. Perfumed sole

Suggested uses: Warehouses, transportation sector, 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: 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	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 No perforation	≥ 1100
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	389	≥ 0.1
			- dry	MΩ	706	≤ 1000
	Energy absorption system	6.2.4	Shock absorption	J	28	≥ 20
Upper	Blue suede leather thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	> 8,1	≥ 0,8
			Permeability coefficient	mg/cmq	> 77	> 15
Vamp	Textile, breathable, abrasion resistant, colour black	5.5.3	Water vapour permeability	mg/cmq h	> 6,3	≥ 2
			Permeability coefficient	mg/cmq	> 51,1	≥ 20
lining	Thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
			Permeability coefficient	mg/cmq	> 82,8	≥ 20
Quarter	SANY-DRY [®] , antibacterial, breathable, abrasion resistant, colour yellow	5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
			Permeability coefficient	mg/cmq	> 82,8	≥ 20
lining	thickness 1,2 mm	5.8.3	Abrasion resistance (lost volume)	mm ³	37	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4
Sole	Antistatic Polyurethane/TPU directly injected in the upper: Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant. Midsole: Blue polyurethane, low density, comfortable and anti-shock.	5.8.5	Interlayer bond strength	N/mm	3,8	≥ 4
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	1,3	≤ 12
	Adherence coefficient of the sole	5.3.5	SRA : ceramic + detergent solution – flat		0,60	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,52	≥ 0,28
			SRB : steel + glycerol – flat		0,28	≥ 0,18
			SRB : steel + glycerol – heel (contact angle 7°)		0,19	≥ 0,13