



Prod. Ref.	NW240-000
Safety cat.	S3S CI LG SC FO SR
Range of sizes	36 - 48 (3 - 13)
Weight (sz. 8)	620 g
Shape	B
Widht (3 - 6)	10,5
Widht (6,5 - 13)	11

Description: Black water repellent printed leather ankle boot, **SANY-DRY®** lining, anti-shock, antistatic, slipping resistant, with non metallic **APT PLUS** midsole - type **PS** with Ø 3,0 mm nail.

Plus: LIGHT FOAM footbed, made of extremely soft and comfortable polyurethane foam. Punched, antistatic, its anatomical shape provides support to the plantar arch; covered with abrasion resistant fabric, it absorbs moisture and keeps always the foot dry; it guarantees excellent comfort and shock absorption. Footwear equipped with a particularly abrasion-resistant material on the toe area (**SC**). Sole design especially conceived for safer standing on ladder rungs (**LG**). Provided with **SCATTO** quick release system

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 20345:2022	Description	Unit	Cofra result	Requirement
Complete shoe	Toe cap: non metallic FIBERGLASS toe cap, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.6	Shock resistance (clearance after shock)	mm	16	≥ 14
		5.3.2.7	Compression resistance (clearance after compression)	mm	20	≥ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1.1.4	Penetration resistance (PS requirement with Ø 3,0 mm nail)	N	1522	≥ 1100
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	81	≥ 0.1
			- dry	MΩ	145	≤ 1000
	Cold insulation	6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	5,5	≤ 10
	Energy absorption system	6.2.4	Shock absorption	J	33	≥ 20
	Upper Black water repellent printed leather Thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	> 4,5	≥ 0,8
			Permeability coefficient	mg/cmq	> 38,1	≥ 15
Vamp lining Quarter lining Sole	Felt, breathable, colour dark grey Thickness 1,2 mm	6.3	Water absorption		6%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
	Thickness 1,2 mm	5.5.4	Water vapour permeability	mg/cmq h	> 20,9	≥ 2
			Permeability coefficient	mg/cmq	> 169	≥ 20
	SANY-DRY® , breathable, abrasion resistant, colour black thickness 1,2 mm	5.5.4	Water vapour permeability	mg/cmq h	> 22	≥ 2
			Permeability coefficient	mg/cmq	> 177,9	≥ 20
	Antistatic double-density Polyurethane directly injected in the upper: Outsole: black, high density, slipping resistant, abrasion Midsole: black, low density, comfortable and anti-shock	5.8.4	Abrasion resistance (lost volume)	mm³	76	≤ 150
		5.8.5	Flexing resistance (cut increase)	mm	0,8	≤ 4
		5.8.7	Interlayer bond strength	N/mm	4	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	3,8	≤ 12
	Adherence coefficient of the sole (Slip resistance)	5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		0,42	≥ 0,36
			ceramic + detergent solution – heel (contact angle 7°)		0,36	≥ 0,31
		6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		0,26	≥ 0,22
			SR : ceramic + glycerol – heel (contact angle 7°)		0,23	≥ 0,19