



Prod. Ref.	73130-000
Safety cat.	S3 SRC
Range of sizes	39 - 48 (6 - 13)
Weight (sz. 8)	650 g
Shape	B
Width	11

Description: Dark grey water repellent suede leather ankle boot, breathable leather and **SANY-DRY**[®] lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation, even with a 3 mm diameter nail**

Plus: Polyurethane/TPU sole with **POLY-GREEN** insert, a material made of virgin and recycled polyurethane properly measured and mixed, in order to guarantee a perfect proportion between impact energy absorption and support. **ECO-TECH, POLY-GREEN** footbed, anatomic, antistatic, holed, scented, soft and comfortable. The upper layer is made of antibacterial fabric absorbs moisture and keeps the foot always dry. Laces and tongue labels are made of **100% recycled yarns** deriving from plastic bottles. **100% recycled** paper and carton packaging. **TPU toe cap protection**

Suggested uses: footwear for roofworks

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	≥ 1100
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance		No perforation	
			- wet	MΩ	72,4	≥ 0.1
			- dry	MΩ	231	≤ 1000
Upper	Water repellent suede leather, colour dark grey thickness 1,8/2,0 mm	6.2.4	Shock absorption	J	32	≥ 20
		5.4.6	Water vapour permeability	mg/cmq h	> 4,1	≥ 0,8
			Permeability coefficient	mg/cmq	> 33,8	> 15
Vamp	Textile, breathable, abrasion resistant, colour black Thickness 1,2 mm	6.3.1	Water absorption		25%	≤ 30%
			Water penetration		0,1 g	≤ 0,2 g
lining	Thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 6,3	≥ 2
			Permeability coefficient	mg/cmq	> 51,1	≥ 20
Quarter	SANY-DRY [®] , breathable, abrasion resistant, colour black thickness 1,2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
			Permeability coefficient	mg/cmq	> 82,8	≥ 20
Sole	Antistatic Polyurethane/TPU directly injected in the upper: Outsole: Red TPU, slipping resistant, abrasion resistant and hydrocarbons resistant. Midsole: Black polyurethane, low density, comfortable and anti-shock.	5.8.3	Abrasion resistance (lost volume)	mm ³	65	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	1,5	≤ 4
		5.8.5	Interlayer bond strength	N/mm	4,5	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	10	≤ 12
		5.3.5	SRA : ceramic + detergent solution – flat		0,48	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,36	≥ 0,28
			SRB : steel + glycerol – flat		0,22	≥ 0,18
			SRB : steel + glycerol – heel (contact angle 7°)		0,16	≥ 0,13
	Adherence coefficient of the sole					