



<b>Prod. Ref.</b>	78870-000
<b>Safety cat.</b>	S3 SRC
<b>Range of sizes</b>	39 - 47 (6 - 12)
<b>Weight (sz. 8)</b>	650 g
<b>Shape</b>	B
<b>Width</b>	11

**Description:** Brown water repellent Pull-Up nubuck ankle boot, **SANY-DRY**<sup>®</sup> lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

**Plus:** **COFRA SOFT** footbed, made of scented polyurethane, holed, antistatic, anatomic, soft and comfortable; the shape of the bottom part guarantees impact energy absorption (shock absorber) and high grip; the upper part absorbs moisture and keeps the foot dry. Perfumed sole. Bellows tongue

**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
<b>Complete shoe</b>	<b>Toe cap:</b> <b>ALUMINIUM</b> made, ultra light, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	<b>15,5</b>	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	<b>15</b>	≥ 14
	<b>Anti perforation midsole:</b> in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	6.2.1	Penetration resistance	N	<b>To 1100 N</b>	≥ 1100
					<b>No perforation</b>	
	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	<b>35</b>	≥ 0.1
			- dry	MΩ	<b>660</b>	≤ 1000
	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	<b>28</b>	≥ 20
<b>Upper</b>	Brown water repellent Pull-Up nubuck thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 3,8</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 35,2</b>	> 15
		6.3.1	Water absorption		<b>22%</b>	≤ 30%
			Water penetration		<b>0,1 g</b>	≤ 0,2 g
<b>Vamp</b>	Textile, breathable, abrasion resistant, colour black	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 6,3</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 51,1</b>	≥ 20
<b>Quarter</b>	<b>SANY-DRY</b> <sup>®</sup> , breathable, antibacterial, abrasion resistant, colour black	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 10,3</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 82,8</b>	≥ 20
<b>lining</b>	thickness 1,2 mm	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>37</b>	≤ 150
			5.8.4	Flexing resistance (cut increase)	mm	<b>1</b>
<b>Sole</b>	Antistatic Polyurethane/TPU directly injected in the upper:	5.8.5	Interlayer bond strength	N/mm	<b>&gt; 5</b>	≥ 4
			6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>-0,6</b>
	Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.	5.8.4	Flexing resistance (cut increase)	mm	<b>1</b>	≤ 4
	Midsole: Brown polyurethane, low density, comfortable and anti-shock.	5.8.5	Interlayer bond strength	N/mm	<b>&gt; 5</b>	≥ 4
	Adherence coefficient of the sole	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>-0,6</b>	≤ 12
		5.3.5	SRA : ceramic + detergent solution – flat		<b>0,60</b>	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		<b>0,52</b>	≥ 0,28
			SRB : steel + glycerol – flat		<b>0,28</b>	≥ 0,18
			SRB : steel + glycerol – heel (contact angle 7°)		<b>0,19</b>	≥ 0,13