



**Prod. Ref.** 78500-001  
**Safety cat.** S3 SRC  
**Range of sizes** 39 - 47 (6 - 12)  
**Weight** (sz. 8) 595 g  
**Shape** A  
**Width** 11

**Description:** Black water repellent nubuck shoe, **SANY-DRY®** 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; the upper part absorbs moisture and keeps the foot dry. Perfumed sole

**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: <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
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	6.2.1	Penetration resistance	N	<b>To 1100 N</b>	≥ 1100
Upper	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance		<b>No perforation</b>	
			- wet	MΩ	<b>388</b>	≥ 0.1
			- dry	MΩ	<b>706</b>	≤ 1000
	Energy absorption system Black water repellent nubuck thickness 1,8/2,0 mm	6.2.4	Shock absorption	J	<b>28</b>	≥ 20
		5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 1</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 15,3</b>	> 15
		6.3.1	Water absorption		<b>14%</b>	≤ 30%
			Water penetration		<b>0,0 g</b>	≤ 0,2 g
		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
Vamp lining Quarter lining Sole	Textile, breathable, abrasion resistant, colour black Thickness 1,2 mm	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>SANY-DRY®</b> , breathable, abrasion resistant, colour yellow thickness 1,2 mm	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>37</b>	≤ 150
			Flexing resistance (cut increase)	mm	<b>1</b>	≤ 4
	Antistatic Polyurethane/TPU directly injected in the upper: Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant. Midsole: Black polyurethane, low density, comfortable and anti-shock.	5.8.5	Interlayer bond strength	N/mm	<b>&gt; 5</b>	≥ 4
			Hydrocarbons resistance (ΔV = volume increase)	%	<b>-0,6</b>	≤ 12
	Adherence coefficient of the sole	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