



<b>Prod. Ref.</b>	22070-000
<b>Safety cat.</b>	S3 WR SRC
<b>Range of sizes</b>	39 - 47 (6 - 12)
<b>Weight (sz. 8)</b>	690 g
<b>Shape</b>	B
<b>Width</b>	11

**Description:** Taupe/black water repellent Pull-Up nubuck and nylon **CORDURA**<sup>®</sup> ankle boot, **COFRA-TEX** waterproof membrane lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

**Plus:** **COFRA-TEX** water repellent membrane with “**PROOF-LINING**” construction system stitched directly to the footbed and sealed with specific glue. Waterproofness is guaranteed as well from the sealing of the polyurethane sole, which prevents water leaking. Water does not penetrate into the footwear but the vapour molecules evaporate through the membrane keeping the foot dry. **AIR** footbed, made of EVA and fabric, antistatic, anatomic, holed. It guarantees high stability thanks to its different kinds of thickness in the plantar area. Arch support made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings. Bellows tongue. Perfumed sole

**Suggested uses:** Construction, maintenance, industries. Footwear for wet environments

**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>Whole footwear</b>	<b>Water resistance</b>	5.15.1	Water resistance (area of water penetration after 1000 paces in a surface flooded with water)	cm <sup>2</sup>	≤ 3	≤ 3
<b>Complete shoe</b>	<b>Toe cap:</b> steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.3	Shock resistance (clearance after shock)	mm	<b>14</b>	≥ 14
	<b>Anti perforation midsole:</b> in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	5.3.2.4	Compression resistance (clearance after compression)	mm	<b>14,5</b>	≥ 14
	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.1	Penetration resistance	N	<b>To 1100 N</b> <b>No Perforation</b>	≥ 1100
		6.2.2.2	Electric resistance			
			- wet	MΩ	<b>123</b>	≥ 0.1
			- dry	MΩ	<b>336</b>	≤ 1000
	<b>Energy absorption system:</b> polyurethane low density and heel profile	6.2.4	Shock absorption	J	<b>27</b>	≥ 20
<b>Upper</b>	Taupe water repellent Pull-Up nubuck thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 4,2</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 42,9</b>	> 15
<b>Upper</b>	Black water repellent nylon <b>CORDURA</b> <sup>®</sup>	6.3.1	Water absorption		<b>28%</b>	≤ 30%
			Water penetration		<b>0,0 g</b>	≤ 0,2 g
<b>Upper</b>		5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 2</b>	≥ 0,8
			Permeability coefficient	mg/cmq	<b>&gt; 16</b>	> 15
<b>Lining</b>	<b>COFRA-TEX</b> membrane, breathable and abrasion resistant, colour grey thickness 1.2 mm	6.3.1	Water absorption		<b>30%</b>	≤ 30%
			Water penetration		<b>0,0 g</b>	≤ 0,2 g
<b>Lining</b>		5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 6,4</b>	≥ 2
			Permeability coefficient	mg/cmq	<b>&gt; 51,2</b>	≥ 20
<b>Sole</b>	Antistatic dual-density polyurethane directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>53</b>	≤ 150
		5.8.4	Flexing resistance (cut increase)	mm	<b>1</b>	≤ 4
		5.8.6	Interlayer bond strength	N/mm	<b>&gt; 5</b>	≥ 4
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>+ 0,2</b>	≤ 12
		5.3.5	SRA : ceramic + detergent solution – flat		<b>0,42</b>	≥ 0,32

SRA : ceramic + detergent solution – heel (contact angle 7°)	<b>0,34</b>	≥ 0,28
SRB : steel + glycerol – flat	<b>0,20</b>	≥ 0,18
SRB : steel + glycerol – heel (contact angle 7°)	<b>0,14</b>	≥ 0,13