



Prod. Ref.	22070-001
Safety cat.	S3 WR SRC
Range of sizes	40 - 48
Weight (sz. 8)	670 g
Shape	B
Wide	11

Description: Black water repellent nubuck and **CORDURA®** ankle boot, **COFRA-TEX** Waterproof membrane lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

Plus: **COFRA-TEX** waterproof membrane with "Proof Lining" system, stitched directly to the footbed, like a lining. Thesealing between the PU of the sole and the stitchings of the footbed guarantees waterproofness, thus preventing water leaking. Footbed **AIR** made of EVA and fabric, antistatic, anatomic, holed, antistatic. It guarantees high stability thanks to its different thicknesses in the plantar area. Perfumed sole. Support made of fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings. PU toe cap protection.

Suggested uses: Engineering jobs, maintenance jobs, buildings, 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	Description	Unit	Cofra result	Requirement
Complete shoe	Water resistance	5.15.1	Water resistance (area of water penetration after 100 paces in a surface flooded with water)	cm ²	≤ 3	≤ 3
	Toe cap: 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	14	≥ 14
		5.3.2.4	Compression resistance (clearance after compression)	mm	14,5	≥ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance	N	To 1100 N No Perforation	≥ 1100
Upper	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	123	≥ 0.1
		- dry	MΩ	336	≤ 1000	
	Energy absorption system: polyurethane low density and heel profile	6.2.4	Shock absorption	J	> 27	≥ 20
Lining	COFRA-TEX membrane, breathable and abrasion resistant, colour grey thickness 1.2 mm	5.5.3	Water vapour permeability	mg/cm ² h	> 4,2	≥ 0,8
			Permeability coefficient	mg/cm ²	> 42,9	> 15
Sole	Black water repellent nubuck thickness 1,8 mm	6.3.1	Water resistance	minutes	> 60	> 60
		5.8.3	Abrasion resistance (lost volume)	mm ³	53	≤ 150
	5.8.4					
		5.8.6	Interlayer bond strength	N/mm	> 5	≥ 4
	6.4.2					
		Adherence coefficient of the sole	5.3.5	SRA : ceramic + detergent solution – flat		0,42
SRA : ceramic + detergent solution – heel (contact angle 7°)						
		SRB : steel + glycerol – flat		0,20	≥ 0,18	
		SRB : steel + glycerol – heel (contact angle 7°)		0,14	≥ 0,13	