



Prod. Ref. 78533-000
Safety cat. O2 SRC FO
Range of sizes 37 - 47 (4 - 12)
Weight (sz. 8) 430 g
Shape A
Width 11

Description: Black water repellent grain leather shoe, **SANY-DRY**[®] lining, antistatic, anti-shock, slipping resistant
Plus: Footwear completely free from metal parts. **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
Suggested uses: Warehouses, transportation sector, 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

Part	Description
Complete shoe	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
Upper	Energy absorption system Black water repellent grain leather thickness 1,6/1,8 mm
Vamp	Textile, breathable, abrasion resistant, colour black
lining	Thickness 1,2 mm
Quarter	SANY-DRY [®] , breathable, antibacterial, abrasion resistant, colour light blue
lining	thickness 1,2 mm
Insole	Antistatic, absorbent, abrasion and flaking resistant..
Sole	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.
	Adherence coefficient of the sole

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20347:2012	Description	Unit	Cofra result	Requirement
6.2.2.2	Electric resistance			
	- wet	MΩ	344	≥ 0.1
	- dry	MΩ	886	≤ 1000
6.2.4	Shock absorption	J	29	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	> 1	≥ 0,8
	Permeability coefficient	mg/cmq	> 15,3	> 15
6.3.1	Water absorption		14%	≤ 30%
	Water penetration		0,0 g	≤ 0,2 g
5.5.3	Water vapour permeability	mg/cmq h	> 6,3	≥ 2
	Permeability coefficient	mg/cmq	> 51,1	≥ 20
5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
	Permeability coefficient	mg/cmq	> 82,8	≥ 20
5.7.4.1	Abrasion resistance	cycle	> 400	≥ 400
5.8.3	Abrasion resistance (lost volume)	mm ³	37	≤ 150
5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4
5.8.5	Interlayer bond strength	N/mm	> 5	≥ 4
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	-0,6	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		0,60	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		0,52	≥ 0,28
	SRB : steel + glycerol – flat		0,28	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		0,19	≥ 0,13