



Prod. Ref.	SD050-000
Safety cat.	S3 SRC
Range of sizes	36 - 48 (3 - 13)
Weight (sz. 8)	690 g
Shape	B
Widht (3 - 6)	10
Widht (6,5 - 13)	11

Description: Black water repellent printed leather ankle boot, textile lining, antistatic, anti-shock, slipping resistant, with stainless steel midsole

Plus: Thermoformed, punched and coated with highly breathable fabric footbed. Antistatic thanks to seams made of conductive yarns. Bellows tongue. Padded collar

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

Complete shoe	Toe cap: steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg
	Anti perforation midsole: stainless steel, penetration resistance, varnished with epoxy resin
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
	Energy absorption system
Upper	Black water repellent printed leather thickness 1,6/1,8 mm
Vamp	Felt, breathable, colour dark grey
lining	thickness 1,2 mm
Quarter	100% polyamide fabric, breathable, abrasion resistant, colour fluo yellow
lining	thickness 1,2 mm
Insole	Antistatic, absorbent, abrasion and flaking resistant
Sole	Antistatic dual-density Polyurethane directly injected in the upper: Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant, Midsole: black, low density, comfortable and anti-shock Adherence coefficient of the sole

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement
5.3.2.3	Shock resistance (clearance after shock)	mm	15,5	≥ 14
5.3.2.4	Compression resistance (clearance after compression)	mm	15,5	≥ 14
6.2.1	Penetration resistance	N	1245	≥ 1100
6.2.2.2	Electric resistance			
	- wet	MΩ	197	≥ 0.1
	- dry	MΩ	841	≤ 1000
6.2.4	Shock absorption	J	34	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	> 2,6	≥ 0,8
	Permeability coefficient	mg/cmq	> 28,3	> 15
6.3.1	Water absorption		13%	≤ 30%
	Water penetration		0,0 g	≤ 0,2 g
5.5.3	Water vapour permeability	mg/cmq h	> 4,4	≥ 2
	Permeability coefficient	mg/cmq	> 39,4	≥ 20
5.5.3	Water vapour permeability	mg/cmq h	> 9,2	≥ 2
	Permeability coefficient	mg/cmq	> 74,9	≥ 20
5.7.4.1	Abrasion resistance	cycle	> 400	≥ 400
5.8.3	Abrasion resistance (lost volume)	mm ³	46	≤ 150
5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4
5.8.6	Interlayer bond strength	N/mm	4,2	≥ 4
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	2	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		0,36	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		0,31	≥ 0,28
	SRB : steel + glycerol – flat		0,19	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		0,14	≥ 0,13