COFRA®
BORN TO WORK

PRODUCT SHEET

NEW SUEZ S1 P SRC

Prod. Ref.	FW210-000
Safety cat.	S1 P SRC
Range of sizes	36 - 48
Weight (sz. 42)	560 g
Shape	A
Wide	11

Description: Black suede leather and breathable textile shoe, **Sany-Dry** lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation.**

Plus: Footwear completely free from metal parts. Footbed **AIR** made of EVA and fabric, antistatic, it guarantees high stability thanks to its different thicknesses in the plantar area. Dual density PU with an aggressive style. The prominent toe cap and heel area protect the upper from wearing and abrasion.

Suggested uses: Store houses, 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

		Clause EN ISO 20345:2011
Complete shoe	**Toe cap:** non metallic fiber glass toe cap, impact resistant until 200 J	5.3.2.3
	and compression resistant until 1500 kg	5.3.2.4
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, **Zero Perforation**	6.2.1
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2
	Energy absorption system: polyurethane low density and heel profile	6.2.4
Upper	Black suede leather	5.4.6
	thickness 1,6/1,8 mm	
Vamp	Textile, breathable, abrasion resistant, colour black	5.5.3
lining	thickness 1,2 mm	
Quarter	**Sany-Dry**, breathable, abrasion resistant, colour black	5.5.3
lining	thickness 1,2 mm	
Sole	Antistatic double-density Polyurethane directly injected in the upper:	5.8.3
	Outsole: black, high density, slipping resistant, abrasion	5.8.4
	resistant and hydrocarbons resistant,	5.8.6
	Midsole: black, low density, comfortable and anti-shock	6.4.2
	Adherence coefficient of the sole	5.3.5

SAFETY TECHNICAL SPECIFICATIONS

Description	Unit	Cofra result	Requirement
Shock resistance (clearance after shock)	mm	**16**	⬅ 14
Compression resistance (clearance after compression)	mm	**15**	⬅ 14
Penetration resistance	N	**To 1100 N**	⬅ 1100
		No perforation	
Electric resistance			
- wet	MΩ	**120**	⬅ 0.1
- dry	MΩ	**820**	↑ 1000
Shock absorption	J	**> 34**	⬅ 20
Water vapour permeability	mg/cmq h	**> 7,2**	⬅ 0,8
Permeability coefficient	mg/cmq	**> 66,4**	> 15
Water vapour permeability	mg/cmq h	**> 5,2**	⬅ 2
Permeability coefficient	mg/cmq	**> 42,2**	⬅ 20
Water vapour permeability	mg/cmq h	**> 12,1**	⬅ 2
Permeability coefficient	mg/cmq	**> 169,3**	⬅ 20
Abrasion resistance (lost volume)	mm^3	**67**	↑ 150
Flexing resistance (cut increase)	mm	**3**	↑ 4
Interlayer bond strength	N/mm	**> 5**	↑ 4
Hydrocarbons resistance (↑V = volume increase)	%	**0,8**	↑ 12
SRA : ceramic + detergent solution – flat		**0,43**	⬅ 0,32
SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,4**	⬅ 0,28
SRB : steel + glycerol – flat		**0,2**	⬅ 0,18
SRB : steel + glycerol – heel (contact angle 7°)		**0,15**	⬅ 0,13

Emesso dal Laboratorio Prove Tecniche