COFRA®
BORN TO WORK

PRODUCT SHEET

CREGAN S3 SRC

Prod. Ref.	78881-000
Safety cat.	S3 SRC
Range of sizes	36 - 48 (3 - 13)
Weight (sz. 8)	580 g
Shape	A
Width	11

Description: Black water repellent leather shoe, **SANY-DRY®** lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**

Plus: **COFRA SOFT** footbed, made of scented polyurethane, holed, antistatic, anatomic, soft and comfortable; the shape of the bottom part guarantees impact energy absorption; the upper part absorbs moisture and keeps the foot dry. Perfumed sole. **TPU toe cap protection**

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

		Clause EN ISO 20345:2011
Complete shoe	**Toe cap:** **ALUMINIUM** made, ultra light, 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	6.2.4
Upper	Black water repellent leather	5.4.6
	thickness 1,8/2,0 mm	
		6.3.1
Vamp	Textile, breathable, abrasion resistant, colour black	5.5.3
lining	Thickness 1,2 mm	
Quarter	**SANY-DRY®**, breathable, abrasion resistant, colour orange and black	5.5.3
lining	thickness 1,2 mm	
Sole	Antistatic Polyurethane/TPU directly injected in the upper:	5.8.3
	Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.	5.8.4
	Midsole: Black polyurethane, low density, comfortable and anti-shock.	5.8.5
		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	**15,5**	≥ 14
Penetration resistance	N	**To 1100 N**	≥ 1100
		No perforation	
Electric resistance			
- wet	MΩ	**388**	≥ 0.1
- dry	MΩ	**706**	≤ 1000
Shock absorption	J	**28**	≥ 20
Water vapour permeability	mg/cmq h	**> 1,2**	≥ 0,8
Permeability coefficient	mg/cmq	**> 16,3**	> 15
Water absorption		**13%**	≤ 30%
Water penetration		**0,0 g**	≤ 0,2 g
Water vapour permeability	mg/cmq h	**> 6,3**	≥ 2
Permeability coefficient	mg/cmq	**> 51,1**	≥ 20
Water vapour permeability	mg/cmq h	**> 10,3**	≥ 2
Permeability coefficient	mg/cmq	**> 82,8**	≥ 20
Abrasion resistance (lost volume)	mm^3	**35**	≤ 150
Flexing resistance (cut increase)	mm	**1**	≤ 4
Interlayer bond strength	N/mm	**> 5**	≥ 4
Hydrocarbons resistance (ΔV = volume increase)	%	**-0,6**	≤ 12
SRA : ceramic + detergent solution – flat		**0,60**	≥ 0,32
SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,51**	≥ 0,28
SRB : steel + glycerol – flat		**0,27**	≥ 0,18
SRB : steel + glycerol – heel (contact angle 7°)		**0,19**	≥ 0,13