COFRA®
BORN TO WORK

PRODUCT SHEET

EAGAN S3 SRC

Prod. Ref.	78470-002
Safety cat.	S3 SRC
Range of sizes	39 - 47 (6 - 12)
Weight (sz. 8)	570 g
Shape	B
Width	11

Description: Black water repellent nubuck ankle boot, **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 (shock absorber) and high grip; the upper part absorbs moisture and keeps the foot dry. Perfumed sole. Bellows tongue

Suggested uses: Construction, maintenance, 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:** **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 nubuck	5.4.6
	thickness 1,6/1,8 mm	
		6.3.1
Vamp	Textile, breathable, abrasion resistant, colour black	5.5.3
lining	Thickness 1,2 mm	
Quarter	**SANY-DRY®**, breathable, antibacterial, abrasion resistant, colour yellow	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	**15,5**	≥ 14
Compression resistance (clearance after compression)	mm	**15**	≥ 14
Penetration resistance	N	**To 1100 N**	≥ 1100
		No perforation	
Electric resistance			
- wet	MΩ	**460**	≥ 0.1
- dry	MΩ	**788**	≤ 1000
Shock absorption	J	**27**	≥ 20
Water vapour permeability	mg/cmq h	**> 0,8**	≥ 0,8
Permeability coefficient	mg/cmq	**> 15**	> 15
Water absorption		**18%**	≤ 30%
Water penetration		**0,0 g**	≤ 0,2 g
Water vapour permeability	mg/cmq h	**> 6**	≥ 2
Permeability coefficient	mg/cmq	**> 48**	≥ 20
Water vapour permeability	mg/cmq h	**> 9,8**	≥ 2
Permeability coefficient	mg/cmq	**> 78,5**	≥ 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)	%	**0,7**	≤ 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

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