COFRA®
BORN TO WORK

PRODUCT SHEET

DRAFT S3 SRC

Prod. Ref.	35110-000
Safety cat.	S3 SRC
Range of sizes	39 - 47 (6 - 12)
Weight (sz. 8)	550 g
Shape	A
Width	11

Description: Black water repellent nubuck and nylon **CORDURA®** shoe, leather and textile lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

Plus: **PU15** footbed, made of scented and highy shock absorbing polyurethane, thans to the 15 mm thickness in the heel area, anatomic, antistatic, holed. The upper layer is made of antibacterial textile to prevent from bad odours, to absorb moisture and keep the foot dry. Perfumed sole. Padded collar. **Provided with another pair of laces of a different colour**

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: polyurethane low density and heel profile	6.2.4
Upper	Black water repellent nubuck	5.4.6
	thickness 1,4/1,6 mm	
		6.3.1
Upper	Black water repellent nylon **CORDURA®**	5.4.6
		6.3.1
Vamp lining	Felt, breathable, colour dark grey	5.5.3
	Thickness 1,2 mm	
Quarter lining	Textile, breathable, abrasion resistant, colour black	5.5.3
	Thickness 1,2 mm	
Sole	Antistatic dual density polyurethane directly injected in the upper:	5.8.3
	Outsole: red, 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	**14,3**	≥ 14
Compression resistance (clearance after compression)	mm	**14,6**	≥ 14
Penetration resistance	N	**To 1100 N**	≥ 1100
		No perforation	
Electric resistance			
- wet	MΩ	**200**	≥ 0.1
- dry	MΩ	**535**	≤ 1000
Shock absorption	J	**28,5**	≥ 20
Water vapour permeability	mg/cmq h	**> 4,9**	≥ 0,8
Permeability coefficient	mg/cmq	**> 47,1**	> 15
Water absorption		**24%**	≤ 30%
Water penetration		**0,0 g**	≤ 0,2 g
Water vapour permeability	mg/cmq h	**> 2**	≥ 0,8
Permeability coefficient	mg/cmq	**> 16**	> 15
Water absorption		**30%**	≤ 30%
Water penetration		**0,0 g**	≤ 0,2 g
Water vapour permeability	mg/cmq h	**> 4,7**	≥ 2
Permeability coefficient	mg/cmq	**> 40,6**	≥ 20
Water vapour permeability	mg/cmq h	**> 9,8**	≥ 2
Permeability coefficient	mg/cmq	**> 78,5**	≥ 20
Abrasion resistance (lost volume)	mm^3	**59**	≤ 150
Flexing resistance (cut increase)	mm	**1**	≤ 4
Interlayer bond strength	N/mm	**> 5**	≥ 4
Hydrocarbons resistance (ΔV = volume increase)	%	**+ 0,1**	≤ 12
SRA : ceramic + detergent solution – flat		**0,55**	≥ 0,32
SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,36**	≥ 0,28
SRB : steel + glycerol – flat		**0,25**	≥ 0,18

Made by Technical Dept.

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SRB : steel + glycerol – heel (contact angle 7°)	**0,15**	≥ 0,13

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