PRODUCT SHEET

NEW BLACK SEA S3 SRC

Prod. Ref.	FW230-000
Safety cat.	S3 SRC
Range of sizes	36 - 48 (3 - 13)
Weight (sz. 8)	600 g
Shape	B
Width	11

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

Plus: **EVANIT** footbed, made of EVA and nitrile special compound, with high bearing capacity and variable thickness. Thermoformed, punched and coated with highly breathable fabric. Antistatic thanks to a specific treatment on the surface and to seams made of conductive yarns. Dual density PU with an aggressive style. The prominent toe cap and heel area protect the upper from wearing and abrasion. Provided with **SCATTO** quick release system

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:** 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	6.2.4
Upper	Black water repellent printed leather	5.4.6
	Thickness 1,6/1,8 mm	
		6.3.1
Vamp lining	Felt, breathable, colour dark grey	5.5.3
	Thickness 1,2 mm	
Quarter lining	**SANY-DRY®**, 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: black, high density, slipping resistant, abrasion	5.8.4
	resistant and hydrocarbons resistant,	5.8.5
	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 No Perforation**	≥ 1100
Electric resistance			
- wet	MΩ	**120**	≥ 0.1
- dry	MΩ	**820**	≤ 1000
Shock absorption	J	**34**	≥ 20
Water vapour permeability	mg/cmq h	**> 2,2**	≥ 0,8
Permeability coefficient	mg/cmq	**> 26,1**	> 15
Water absorption		**16%**	≤ 30%
Water penetration		**0,0 g**	≤ 0,2 g
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 (ΔV = volume increase)	%	**0,8**	≤ 12
SRA : ceramic + detergent solution – flat		**0,43**	≥ 0,32
SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,40**	≥ 0,28
SRB : steel + glycerol – flat		**0,20**	≥ 0,18
SRB : steel + glycerol – heel (contact angle 7°)		**0,15**	≥ 0,13

Made by Technical Dept.