COFRA®
BORN TO WORK

PRODUCT SHEET

MOROTAI S3 SRC

Prod. Ref.	26440-000
Safety cat.	S3 SRC
Range of sizes	39 - 47 (6 - 12)
Weight (sz. 8)	680 g
Shape	B
Width (6)	10
Width (6,5 - 12)	11

Description: Black water repellent full grain leather ankle boot, **TEXELLE** lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

Plus: Footwear completely free from metal parts. **AIR** footbed, made of EVA and fabric, antistatic, anatomic, holed. It guarantees high stability thanks to its different kinds of thickness in the plantar area. **ANTI TORSION SUPPORT** made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings and/or unwilled torsion. Perfumed sole. Bellows tongue, padded collar

Suggested uses: Engineering jobs, maintenance jobs, buildings, 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

Complete shoe	**Toe cap:** non metallic **TOP RETURN** toe cap, impact resistant until 200 J	
	and compression resistant until 1500 kg	
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, **Zero Perforation**	
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	
	Energy absorption system	
Upper	Black water repellent full grain leather	
	thickness 1,6/1,8 mm	
Vamp lining	Felt, breathable, colour dark grey	
	Thickness 1,2 mm	
Quarter lining	**TEXELLE**, breathable, abrasion resistant, colour black	
	thickness 1,2 mm	
Sole	Antistatic dual-density polyurethane directly injected in the upper:	
	Outsole: black, high density, slipping resistant, abrasion	
	resistant and hydrocarbons resistant,	
	Midsole: black, low density, comfortable and anti-shock	
	Adherence coefficient of the sole	

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2011	Description	Unit	Cofra result	requirement
5.3.2.3	Shock resistance (clearance after shock)	mm	**16**	≥ 14
5.3.2.4	Compression resistance (clearance after compression)	mm	**15,5**	≥ 14
6.2.1	Penetration resistance	N	**To 1100 N**	≥ 1100
			No Perforation	
6.2.2.2	Electric resistance			
	- wet	MΩ	**125**	≥ 0.1
	- dry	MΩ	**750**	≤ 1000
6.2.4	Shock absorption	J	**32**	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	**> 0,8**	≥ 0,8
	Permeability coefficient	mg/cmq	**> 15**	> 15
6.3.1	Water absorption		**18%**	≤ 30%
	Water penetration		**0,0 g**	≤ 0,2 g
5.5.3	Water vapour permeability	mg/cmq h	**> 4,7**	≥ 2
	Permeability coefficient	mg/cmq	**> 40,6**	≥ 20
5.5.3	Water vapour permeability	mg/cmq h	**> 6,8**	≥ 2
	Permeability coefficient	mg/cmq	**> 55,4**	≥ 20
5.8.3	Abrasion resistance (lost volume)	mm^3	**66**	≤ 150
5.8.4	Flexing resistance (cut increase)	mm	**2**	≤ 4
5.8.5	Interlayer bond strength	N/mm	**> 5**	≥ 4
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	**0,5**	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		**0,43**	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,42**	≥ 0,28
	SRB : steel + glycerol – flat		**0,21**	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		**0,18**	≥ 0,13

Made by Technical Dept.