



## TECHNICAL SHEET ART. SOUL LOW

**Description** Low shoe in black drummed grain leather TOP LEATHER, non-woven fabric lining, ERGO-FIT insole anatomic and antistatic, double density polyurethane sole, abrasion and bending resistant, oil resistant, slip resistant, antistatic

**Plus** Toe protection PRO CAP

**Suggested sectors of usage** Building/Costruction, Utilities, Logistic/Packaging, Naval Industry, Professional/Craftsman, Cooperative Society

**Care and Maintenance** Clean periodically the outsole and the upper with non aggressive substances which could compromise quality, safety and durability of the shoe, do not dry close to direct heat source



Class: S3 SRC  
 Sizes: 38-50  
 Instep: 11  
 Weight(±10%): 501 gr. (\*)

### Complete shoe

	Norm	Description	Unit	FTG result	EN ISO 20345 requirement
<b>Toe cap:</b> steel toe cap, impact resistant 200 J	5.3.2.3	Impact resistance	mm	16,5	>= 14
	5.3.2.4	Compression resistance	mm	19,5	>= 14
<b>Midsole:</b> non metallic HRP Insole with high tenacity fibres layers, ceramized and treated with plasma	6.2.1.1	Perforation resistance	N	1.100	>= 1.100
<b>Antistatic footwear:</b> dissipation capacity of the electrostatic charge	6.2.2.2	Electric resistance			
		- Wet	Mohm	16,18	>= 0,1
		- Dry	Mohm	62,0	<= 1000
<b>Capacity of energy absorption in the heel area</b>	6.2.4	Energy absorption on the heel area	J	21,0	>= 20
<b>Upper:</b> black drummed grain leather	5.4.6	Water vapour permeability	mg/cmq h	2,6	>= 0,8
		Coefficient of permeability	mg/cmq	24,8	>= 15
	5.4.3	Tearing Strenght	N	233,3	>= 120
<b>Vamp lining:</b> Non-woven fabric, beige colour	5.5.3	Water vapour permeability	mg/cmq h	27,9	>= 2
		Coefficient of permeability	mg/cmq	223,7	>= 20
	5.5.1	Tearing strenght	N	25,7	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no fori	25.600
Abrasion resistance (wet)		cycles	no fori	12.800	
<b>Quarter lining:</b> Non-woven fabric, beige colour	5.5.3	Water vapour permeability	mg/cmq h	27,9	>= 2
		Coefficient of permeability	mg/cmq	223,7	>= 20
	5.5.1	Tearing strenght	N	25,7	>= 15
	5.5.2	Abrasion resistance (dry)	cycles	no fori	51.200
Abrasion resistance (wet)		cycles	no fori	25.600	
<b>Insole lining:</b> textile anti-perforation midsole HRP insole	5.7.3	Water absorption	Mg/cm <sup>2</sup>	107	>= 70
		Ability to release water		102%	>= 80%
<b>Sole:</b> double density polyurethane, bending resistant, abrasion resistant, oil resistant, slip resistant, antistatic	5.8.2	Tearing strenght	kN/m	13,9	>= 8
	5.8.3	Abrasion resistance	mm <sup>3</sup>	31	<= 150
	5.8.4	Bending resistance	mm	0	<= 4
	5.8.5	Hydrolysis	mm	0	<= 6
	6.4.2	Hydrocarbons resistance (volume increase)	%	-0,41	<= 12%
	5.1.1	Slip resistance on ceramic floor with water and detergent	flat	0,47	>= 0,32
		Slip resistance on steel floor with glycerine	inclined	0,37	>= 0,28
		flat	0,27	>= 0,18	
		inclined	0,13	>= 0,13	

Azo dye free: no presence of azo dye forbidden by normative 1907/2006/CE Attachment XVII (method UNI EN 14362-1:2004 – Textile)

(\*) = Indicative weight that refers to ½ pair in size 42