

Prod. Ref.	34950-001
Safety cat.	S3 SRC
Range of sizes	35 - 42
Weight (sz. 42)	480 g
Shape	B
Wide	11

Description: Black water repellent leather ankle boot, **Sany-Dry**[®] lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole.

Plus: **ADERPLUS** single-density PU outsole. Padded collar. **SOFTBED** footbed, made of extremely soft PU, antistatic, anatomic, removable, covered with cloth.

Suggested uses: Canteens, store houses, 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: steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
Upper	Energy absorption system: polyurethane low density and heel profile
	Black water repellent leather thickness 1,5/1,7 mm
Vamp	Felt, breathable, colour dark grey
lining	thickness 1,2 mm
Quarter	Sany-Dry [®] , breathable, abrasion resistant, colour black
lining	thickness 1,2 mm
Sole	Ader-Plus , antistatic single-density polyurethane directly injected on the upper, colour black, slipping resistant, anti-shock, abrasion resistant and hydrocarbons resistant
	Adherence coefficient of the sole

SAFETY TECHNICAL SPECIFICATIONS

	Clause EN ISO 20344 :2004	Description	Unit	Cofra result	Requirement
	5.3.2.3	Shock resistance (clearance after shock)	mm	13,6	≥ 14
	5.3.2.4	Compression resistance (clearance after compression)	mm	14,4	≥ 14
	6.2.1.5.2	Penetration resistance	N	1400	≥ 1100
	6.2.2.2	Electric resistance			
		- wet	MΩ	145	≥ 0.1
		- dry	MΩ	489	≤ 1000
	6.2.4	Shock absorption	J	> 30,5	≥ 20
	5.4.6	Water vapour permeability	mg/cmq h	> 1	≥ 0,8
		Permeability coefficient	mg/cmq	> 16,2	> 15
	6.3.1	Water resistance	minutes	> 60	> 60
	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	> 6,7	≥ 2
		Permeability coefficient	mg/cmq	> 54,2	≥ 20
	5.8.3	Abrasion resistance (lost volume)	mm ³	143	≤ 150
	5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4
	5.8.7	Hydrocarbons resistance (ΔV = volume increase)	%	+ 0,2	≤ + 12
	5.3.5	SRA : ceramic + detergent solution – flat		0,41	≥ 0,32
		SRA : ceramic + detergent solution – heel (contact angle 7°)		0,35	≥ 0,28
		SRB : steel + glycerol – flat		0,19	≥ 0,18
		SRB : steel + glycerol – heel (contact angle 7°)		0,13	≥ 0,13