



PRODUCT SHEET

SUMMIT UK S7S SC CI FO SR



Prod. Ref. 22070-N01
Safety cat. S7S SC CI FO SR
Range of sizes 36 - 48 (3 - 13)
Weight (sz. 8) 670 g
Shape B
Width 11

Description: Black water repellent nubuck and nylon **CORDURA®** ankle boot, **COFRA-TEX** waterproof membrane lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plus** midsole **Zero Perforation**

Plus: **COFRA-TEX WATERPROOF UNIVERSAL** membrane with "PROOF-LINING" construction system stitched directly to the footbed and sealed with specific glue. Waterproofness is guaranteed as well from the sealing of the polyurethane sole, which prevents water leaking. Water does not penetrate into the footwear but the vapour molecules evaporate through the membrane keeping the foot dry. **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. Arch 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. Perfumed sole. **Polyurethane toe cap protection only for sizes 40-48**

Suggested uses: Construction, maintenance, industries. Footwear for wet environments

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

SAFETY TECHNICAL SPECIFICATIONS

		Clause EN ISO 20345:2022	Description	Unit	Cofra result	Requirement
Complete shoe	Water resistance	5.15.1	Water resistance (area of water penetration after 1000 paces in a surface flooded with water)	cm ²	≤ 3	≤ 3
	Toe cap: steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.6	Shock resistance (clearance after shock)	mm	15	≥ 14
		5.3.2.7	Compression resistance (clearance after compression)	mm	15	≥ 14
	Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance (PS requirement with Ø 3,0 mm nail)	N	To 1100 N No perforation	≥ 1100
Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance				
		- wet	MΩ	598	≥ 0.1	
	- dry	MΩ	739	≤ 1000		
Cold insulation	6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	5	≤ 10	
Energy absorption system	6.2.4	Shock absorption	J	34	≥ 20	
Upper	5.4.6	Water vapour permeability	mg/cmq h	> 2,5	≥ 0,8	
		Permeability coefficient	mg/cmq	> 26,1	≥ 15	
	6.3	Water absorption Water penetration		20% 0,0 g	≤ 30% ≤ 0,2 g	
Upper	5.4.6	Water vapour permeability	mg/cmq h	> 18,6	≥ 0,8	
		Permeability coefficient	mg/cmq	> 150,7	≥ 15	
	6.3	Water absorption Water penetration		4,8% 0,1 g	≤ 30% ≤ 0,2 g	
Quarter lining	5.5.4	Water vapour permeability	mg/cmq h	> 4,8	≥ 2	
		Permeability coefficient	mg/cmq	> 41,6	≥ 20	

Made by Technical Dept.

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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 (Slip resistance)

5.8.4	Abrasion resistance (lost volume)	mm ³	89	≤ 150
5.8.5	Flexing resistance (cut increase)	mm	1	≤ 4
5.8.7	Interlayer bond strength	N/mm	3,5	≥ 3
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	3,5	≤ 12
5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		0,40	≥ 0,36
	ceramic + detergent solution – heel (contact angle 7°)		0,37	≥ 0,31
6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		0,25	≥ 0,22
	SR : ceramic + glycerol – heel (contact angle 7°)		0,27	≥ 0,19