

PRODUCT SHEET

TRIVOR S3 WR CI HRO SRC

Prod. Ref. 80640-000

Safety cat. S3 WR CI HRO SRC

 Range of sizes
 39 - 47

 Weight (sz. 42)
 940 g

 Shape
 C

 Widht
 11

Description: Black water repellent grain leather ranger, **WIN THERM**® lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

Plus: THINSULATE® B200 cold protection. Full **SOFT-BED** footbed, made of soft and scented polyurethane, antistatic, anatomic, holed, soft and comfortable. The upper layer absorb moisture and keep the foot dry. Cold and heat insulation. 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. Outsole resistant to +300°C (1 minute contact). Padded collar. **Sealed stitchings.**

Suggested uses: Engineering jobs, building industry, maintenance jobs.

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

SAFETY TECHNICAL SPECIFICATIONS

				Clause EN ISO 20345:2011	Description	Unit	Cofra result	requirement
	Whole footwear	Water resistan	ce	5.15.1	Water resistance (area of water penetration after 1000 paces in a surface flooded with water)	cm ²	≤ 3	≤ 3
	Complete shoe	Toe cap: non m	etallic TOP RETURN toe cap, impact resistant until 200 J	5.3.2.3	Shock resistance (clearance after shock)	mm	15	≥ 14
		and	compression resistant until 1500 kg	5.3.2.4	Compression resistance (clearance after compression)	mm	14,5	≥ 14
		Anti perforatio	n midsole: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance	N	To 1100 N	≥ 1100
		Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges Distributed by:					No Perforation	
				6.2.2.2	Electric resistance			
					- wet	$M\Omega$	45	≥ 0.1
		Distributed by.			- dry	$M\Omega$	880	≤ 1000
		Cold insulation		6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	6,5	≤ 10
		Energy absorp	tion system: polyurethane low density and heel profile	6.2.4	Shock absorption	J	> 32	≥ 20
Upper		Black water repellent grain leather			Water vapour permeability	mg/cmq h	> 0,8	≥ 0,8
		thickness 1,6/1,	8 mm		Permeability coefficient	mg/cmq	> 15	> 15
		thickness 1,6/1,8 mm Norsafe WE PROTECT WE PROTECT			Water absorption		18%	≤ 30%
		WE PRO I			Water penetration		0,0 g	≤ 0,2 g
	Vamp	Felt, breathable, colour dark grey			Water vapour permeability	mg/cmq h	> 4,7	≥ 2
	lining	thickness 1,2 mm WIN THERM®, breathable, antibacterial, abrasion resistant, colour black thickness 1,2 mm			Permeability coefficient	mg/cmq	> 40,6	≥ 20
	Quarter			5.5.3	Water vapour permeability	mg/cmq h	> 7,4	≥ 2
	lining				Permeability coefficient	mg/cmq	> 59,5	≥ 20
	Sole	PU/Nitrile rubber, antistatic, resistant to high temperatures, directly injected in the upper:		5.8.3	Abrasion resistance (lost volume)	mm³	105	≤ 150
				5.8.4	Flexing resistance (cut increase)	mm	1,5	≤ 4
		Outsole:	black nitrile rubber, slipping resistant, abrasion resistant, hydrocarbons	5.8.6	Interlayer bond strength	N/m	> 5	≥ 4
			resistant and heat resistant.	6.4.4	Hot resistance (300 °C)		any melting	any melting
		Midsole:	black PU, low density, comfortable and anti-shock.	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	+ 1,6	≤ 12
		Adherence coefficient of the sole		5.3.5	SRA : ceramic + detergent solution – flat		0,54	≥ 0,32

SRA: ceramic + detergent solution – heel (contact angle 7°)	0,50	≥ 0,28
SRB : steel + glycerol – flat	0,23	≥ 0,18
SRB : steel + glycerol – heel (contact angle 7°)	0,18	≥ 0,13

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