



Heavy

## VESUVIO WINTER S3S

VESUVWNTNTR

full leather winterboot with Thinsulate 200 lining and PU/ rubber outsole

Upper	Crazy Horse Leather
Lining	3M Thinsulate
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	PU/Rubber (NBR)
Toecap	Steel
Category	S3S / SR, SC, HI, CI, FO, HRO
Size range	EU 36-50
Sample weight	0.820 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022



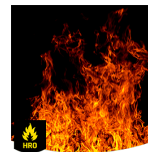
BLK



**Breathable leather upper**  
Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



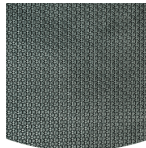
**Cold insulated (CI)**  
Cold insulated (CI) safety shoes keep your feet warm. They are worn in cold environments.



**Heat resistant outsole (HRO)**  
The outsole resists high temperatures up to 300°C.



**Oil & fuel resistant**  
The outsole is resistant against oil and fuel.



**Rubber outsole**  
Rubber outsoles provide versatile functions that make them suitable for many areas of application: excellent cut resistance, heat and cold resistance, high flexibility at cold temperatures, resistance against oil, fuel and many chemicals.



**Scuff Cap (SC)**  
Separately tested material to cover the toe cap area to reduce abrasion of the upper material (e.g. during kneeling operations) and extend usability of the safety shoe.

**Industries:**

Construction, Industry, Logistics, Oil & Gas, Mining

**Environments:**

Cold environment, Extreme slippery surfaces, Muddy environment, Uneven surfaces, Wet environment, Warm surfaces

**Maintenance instructions:**

To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator, nor nearby a heat source.

	Description	Measure unit	Result	EN ISO 20345
<b>Upper</b>	<b>Crazy Horse Leather</b>			
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h		≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>		≥ 15
<b>Lining</b>	<b>3M Thinsulate</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h		≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>		≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles		25600/12800
<b>Outsole</b>	<b>PU/Rubber (NBR)</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>		≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction		≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction		≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction		≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction		≥ 0.22
	Antistatic value	MegaOhm		0.1 - 1000
ESD value	MegaOhm		0.1 - 100	
	Heel energy absorption	J		≥ 20
<b>Toecap</b>	<b>Steel</b>			
	Impact resistance toecap (clearance after impact 100J)	mm		N/A
	Compression resistance toecap (clearance after compression 10kN)	mm		N/A
	Impact resistance toecap (clearance after impact 200J)	mm		≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm		≥ 14

Sample size: 42

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