



**Heavy**

## WINTERBOX CALDERA S7S

PROMOCALDE

**Winterbox including the CALDERA rigger boot**

Winterbox including 1 pair of CALDERA rigger boots, 1 pair of socks, 1 pair of winter working gloves and a warm Safety Jogger beanie.

Upper	Crazy Horse Leather
Lining	Membrane
Footbed	SJ foam footbed
Midsole	Anti-puncture Textile
Outsole	Rubber (NBR), BASF PU
Toecap	Nano Carbon
Category	S7S / SR, SC, LG, FO, HI, HRO, CI, ESD
Norms	EN ISO 20345:2022+A1:2024 ASTM F2413:2024



BRN

**Industries:**

Chemical, Construction, Industry, Mining, Oil &amp; Gas

**Environments:**

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

**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	5.16	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	46	≥ 15
<b>Lining</b>	<b>Membrane</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	4.9	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	41	≥ 20
<b>Footbed</b>	<b>SJ foam footbed</b>			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
<b>Outsole</b>	<b>Rubber (NBR), BASF PU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	116	≤ 150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.45	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.47	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.28	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.32	≥ 0.22
	Antistatic value	MegaOhm	12.4	0.1 - 1000
	ESD value	MegaOhm	40	0.1 - 100
	Heel energy absorption	J	38	≥ 20
<b>Toecap</b>	<b>Nano Carbon</b>			
	Impact resistance toecap (clearance after impact 100J)	mm	N/A	N/A
	Compression resistance toecap (clearance after compression 10kN)	mm	N/A	N/A
	Impact resistance toecap (clearance after impact 200J)	mm	16.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	21.0	≥ 14

Sample size:

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