



**Heavy**

## DAKAR EW S3 LEATHER

DAKREWS3LE

2nd generation of Dakar full leather with extrawide toe-cap.

Upper	Crazy Horse Leather
Lining	Mesh
Footbed	SJ foam footbed
Midsole	Steel
Outsole	BASF PU/BASF PU
Toecap	Steel
Category	S3 / SR, SC, LG, CI, FO
Size range	EU 35-48 / UK 3.0-13.0 / US 3.0-13.5 JPN 21.5-31.5 / KOR 230-315
Sample weight	0.732 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024



BRN



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

**Electrostatic Discharge (ESD)**  
ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 100 MegaOhm.

**Ladder Grip (LG)**  
Especially defined contour in the shank area of a safety shoe to provide additional safety while standing on ladders.

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

**S3**  
S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.

**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:**

Chemical, Construction, Food & beverages, Industry, Logistics, Mining, Oil & Gas

**Environments:**

Wet environment, Uneven surfaces, Dry environment, Muddy environment, Extreme slippery 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>Mesh</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>BASF PU/BASF PU</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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