

# **DAKAR EW S3 LEATHER**

DAKREWS3LE

### 2nd generation safety boot with a breathable leather upper and an extra wide toe cap

The DAKAR EW is an S3-rated safety shoe with an extra wide toe cap and breathable leather upper. It features electrostatic discharge, oil and fuel resistance, ladder grip, and a scuff cap. Suitable for varied environments and industries.

Upper	Crazy Horse Leather
Lining	Recycled Mesh
Footbed	SJ foam footbed
Midsole	Steel
Outsole	BASF PU/BASF PU
Toecap	Steel
Category	S3 / SR, SC, LG, CI, FO
Size range	EU 35-50 / UK 3.0-14.0 / US 3.0-15.0 JPN 21.5-33.0 / KOR 230-330
Sample weight	0.732 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024

































## **Breathable leather upper**

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



#### 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 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.



#### Slip resistance (SR)

Replaces the previously used term of SRA+SRB=SRC. SR means the slip test has been executed on tiles contaminated with soap and with oil.



#### **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
Upper	Crazy Horse Leather			
	Upper: permeability to water vapor	$mg/_{cm^2}/h$	68	≥ 0.8
	Upper: water vapor coefficient	$mg/_{\mathrm{CIII}^2}$	7.8	≥ 15
Lining	Recycled Mesh			
	Lining: permeability to water vapor	$mg/_{\mathrm{Cm}^2}/h$	46.42	≥2
	Lining: water vapor coefficient	$mg/_{ m cm^2}$	372	≥ 20
Footbed	SJ foam footbed			
	Footbed: abrasion resistance (dry/wet) (cycles)	cycles	Dry 25600 cycles/Wet 12800 cycles	25600/12800
Outsole	BASF PU/BASF PU			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	50	≤150
	Basic Slip resistance - Ceramic + NaLS - Forward heel slip	friction	0.46	≥ 0.31
	Basic Slip resistance - Ceramic + NaLS - Backward forepart slip	friction	0.45	≥ 0.36
	SR Slip resistance - Ceramic + glycerin - Forward heel slip	friction	0.35	≥ 0.19
	SR Slip resistance - Ceramic + glycerin - Backward forepart slip	friction	0.34	≥ 0.22
	Antistatic value	MegaOhm	50.5	0.1 - 1000
	ESD value	MegaOhm	N/A	0.1 - 100
	Heel energy absorption	J	41	≥ 20
Toecap	Steel			
	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	20.5	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	22.0	≥ 14

Sample size: 42

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