



**Heavy**

## CONSTRUBOY EW S3 MID

COBOYEWS3M

**durable leather construction mid-cut with extrawide steel toecap for heavy applications**

Upper	Full Grain Leather, Synthetic 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	0.698 kg
Norms	ASTM F2413:2018 EN ISO 20345:2022+A1:2024



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.

**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.

**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.

**Steel midsole**  
Puncture resistant steel midsoles are made from stainless or coated steel and prevent sharp objects from penetrating the outsole.

**Industries:**

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

**Environments:**

Dry environment, Extreme slippery surfaces, Muddy environment, Wet environment, Uneven 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>Full Grain Leather, Synthetic 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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