




# TECHNICAL DATA SHEET

## STEPLITE EASYCLEAN S4 GREEN/BLACK

### General information

Size range	
• EU	36 - 48
• UK	3.5 - 13
• US	4 - 15
The testresults in this technical datasheet are performed on size EU 42, UK 8, US 9	
Weight / pair	
• Safety level: Steel toe cap	± 1 660 g
Colours	
	
green - black	

### Upper

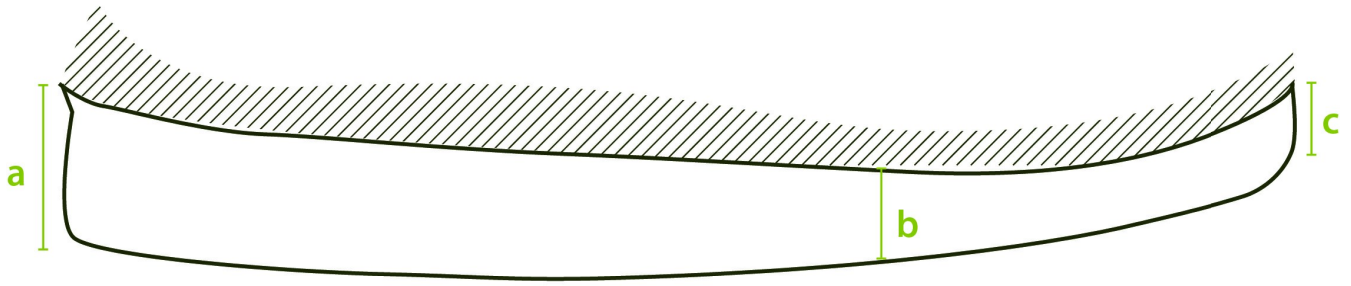
A. Dimensions	
• Height	outer measure: 38.0 cm
	cutting edge: 31.0 cm
• Foot length	outer measure: 30.0 cm
	inner measure: 28.0 cm
B. Thickness	
• Upper edge	2.8 - 3.2 mm
• Calf	2.9 - 3.1 mm
• Shinbone	2.8 - 2.9 mm
• Ankle	3.5 - 3.9 mm
• Heel	3.9 - 5.4 mm
C. Raw material	
	NEOTANE (proprietary polyurethane compound)
D. Density	
	0.65 - 0.70 g/mL

<b>E. Tensile strength</b>		
(incl. lining)	10 ± 2 N/mm <sup>2</sup>	
<b>F. Elongation</b>		
(incl. lining)	600 +/- 100%	
<b>G. Hardness</b>		
	43 +/- 2 Sh A	
<b>H. Tear strength</b>		
(incl. lining) N/mm	10.0 ± 2.0 N/mm	
<b>I. Aging</b>		
(incl. lining)	<b>7 days at 70 °C</b>	<b>14 days at 70 °C</b>
• Tensile strength	11.6 MPa	9.0 MPa
• Elongation	580 ± 20%	600 ± 20%
• Tear strength	11.4 N/mm	9.0 N/mm
<b>J. Chemical resistance</b>		
	<a href="#">see detailed list</a>	
<b>K. Environmental temperature</b>		
• Maximum	± 100 °C	
• Minimum	Cold insulation down to -20 °C	

## Lining

<b>A. Material</b>	
	PU coating on polyester fabric
<b>B. Seams</b>	
	Knitted seams

## Outsole profile



### A. Dimensions

#### • Heel

• Thickness	(a)	34.0 mm
• Profile depth		0.00 mm
• Length		0.00 mm
• Width		79.9 mm

#### • Outsole

• Thickness	(b)	17.0 mm
	(c)	16.0 mm
		0.00 mm
• Profile depth		0.00 mm

### B. Raw material

	NEOTANE (proprietary polyurethane compound)
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### C. Density

	0.65 - 0.70 g/mL
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### D. Mechanical characteristics

	See upper (E)-(F)-(H)
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### E. Energy absorption of the seat region

	20-25 J (requirement $\geq 20$ J)
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### F. Antistatic

	dry: $1 \times 10^8 - 1 \times 10^9$ Ohm
	wet: $1 \times 10^7 - 1 \times 10^9$ Ohm

### G. Abrasion resistance

	50 mm <sup>3</sup>
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### H. Hardness

	60 +/- 10 Sh A
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### I. Footwear slip resistance

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### J. Chemical resistance

	<a href="#">see detailed list</a>
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## Safety

	Standard	Required	Type	Result
<b>Toe cap</b>				
Impact resistance (200J)	EN ISO 20344:2022+A1:2024 EN ISO 20345:2022+A1:2024	> 14.0 mm	Metallic	19.0 mm
Compression resistance	EN ISO 20344:2022+A1:2024 EN ISO 20345:2022+A1:2024	> 14.0 mm	Metallic	19.0 mm
Width of toe cap	outer measure: 44.2 mm			
Height of toe cap	outer measure: 87.3 mm			
Toe cap	Steel			

## Certificates

	EN ISO 20344:2022+A1:2024 EN ISO 20345:2022+A1:2024 2409251-02-86
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## Accessories

<b>Insole</b>		
Three layers		
• Toplayer	woven textile	
• Colour	green	
• Thickness	0.70 mm	
• Interlayer	needle felt	
• Colour	cyan blue	
• Thickness	3.0 mm	
• Bottom	gel latex	
• Colour	black	
• Thickness	1.0 mm	
<b>Washable at 30°C</b>		