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

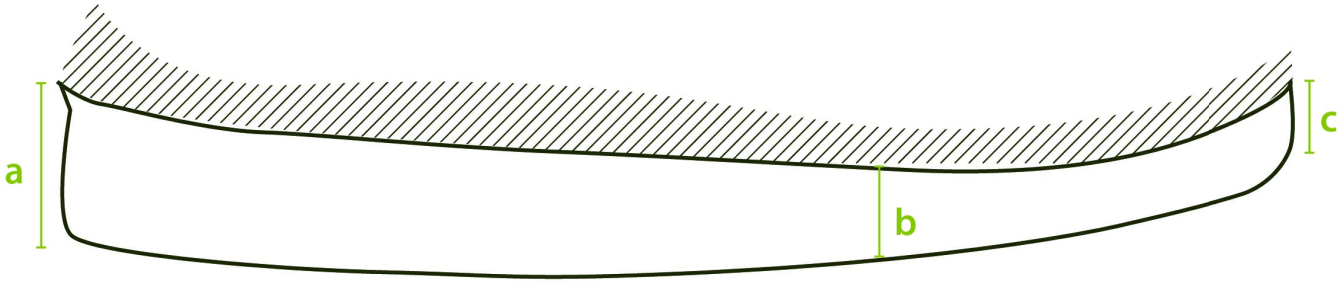
A. Dimensions	
• Height	outer measure: 38.0 cm
	cutting edge: 31.0 cm
• Foot length	outer measure: 30.0 cm
	inner measure: 28.0 cm
B. Thickness	
• Upper edge	2.8 - 3.2 mm
• Calf	2.9 - 3.1 mm
• Shinbone	2.8 - 2.9 mm
• Ankle	3.5 - 3.9 mm
• Heel	3.9 - 5.4 mm
C. Raw material	
	NEOTANE (proprietary polyurethane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

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

Lining

A. Material	
	PU coating on polyester fabric
B. Seams	
	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)	
C. Density		
	0.65 - 0.70 g/mL	
D. Mechanical characteristics		
	See upper (E)-(F)-(H)	
E. Energy absorption of the seat region		
	20-25 J (requirement ≥ 20 J)	
F. Antistatic		
	dry: $1x10^8$ - $1x10^9$ Ohm	
	wet: $1x10^7$ - $1x10^9$ Ohm	
G. Abrasion resistance		
	50 mm^3	
H. Hardness		
	60 +/- 10 Sh A	
I. Footwear slip resistance		
	Ø	
J. Chemical resistance		
	see detailed list	

Safety

	Standard	Required	Type	Result
Toe cap				
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

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

Accessories

Insole

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



Washable at 30°C