

# Technical specifications

Step meets the requirements of EN-ISO 10582 & BS EN 13845

		Surestep Original Surestep Star Surestep Balance	Surestep Stone Surestep Wood	Safestep R11	Safestep R12	Surestep Laguna Safestep Aqua	Surestep Fast Fit
	Total thickness	EN ISO 24346	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.25 mm
	Surface finish		PUR Pearl PUR Satin Pearl	PUR Pearl	PUR Pearl	PUR	PUR Pearl
	Wear layer thickness	EN ISO 24340	0.70 mm	0.70 mm	0.70 mm	0.70 mm	0.70 mm
	Collection size		33 / 8 / 8	13 / 12	11	6	14 / 6
	Commercial use	EN ISO 10874	Class 34	Class 34	Class 34	Class 34	Class 34
	Light industrial use	EN ISO 10874	Class 43	Class 43	Class 43	Class 43	Class 43
	Roll width	EN ISO 24341	2.0 m	2.0 m	2.0 m	2.0 m	2.0 m
	Roll length	EN ISO 24341	≤ 27 m	≤ 27 m	≤ 27 m	≤ 27 m	≤ 27 m
	Total weight	EN ISO 23997	2750 g/m <sup>2</sup>	2750 g/m <sup>2</sup>	2750 g/m <sup>2</sup>	2750 g/m <sup>2</sup>	2300 g/m <sup>2</sup>
	Impact sound reduction	EN ISO 717-2	5 dB	5 dB	5 dB	5 dB	14 dB
	Dimension stability	EN ISO 23999	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.1%
	Castor chair continuous use	ISO 4918	Pass	Pass	Pass	Pass	Pass
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.07 mm
	Colour fastness to light	EN ISO 105 B-02 method 3	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>
	Resistance to chemicals	EN ISO 26987	Very good	Very good	Very good	Very good	Very good
	Flexibility	EN ISO 24344	ø 10 mm	ø 10 mm	ø 10 mm	ø 10 mm	ø 10 mm
	Use in wet areas	EN 13553	Yes	No	Yes	Yes	No
	Slip resistance	DIN 51130	R10	R10	R11	R12	R10
		EN 13845 Annex C	ESf	ESf	ESf	ESb/ESf (Laguna) ESb (Aqua)	ESf
		EN 13845 Annex D 50.000 revolutions	Pass	Pass	Pass	Pass	Pass
		DIN 51097	–	–	–	Class B (Laguna) Class C (Aqua)	–
		TRRL Pendulum – Wet test – slider 96	≥ 36	≥ 36	≥ 40	≥ 50	≥ 36
		TRRL Pendulum – Wet test – slider 55 (wetroom)	–	–	–	≥ 36	–
	Surface roughness Rz		≥ 20	≥ 20	≥ 20	≥ 20	≥ 20
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact					
	Creating better environments						
	Renewable electricity	Step is manufactured using 100% electricity made from renewable sources					
	Recycled content (Mass)	≥ 24%	≥ 24%	≥ 24%	≥ 24%	≥ 24%	0%
	Ska	Step meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes					

Step safety vinyl meets the requirements of EN 14041



	Reaction to fire	EN 13501-1	B <sub>fl</sub> ≤s1, G, CS	B <sub>fl</sub> ≤s1, G, CS	B <sub>fl</sub> ≤s1, G, CS	B <sub>fl</sub> ≤s1, G, CS	B <sub>fl</sub> ≤s1, L, CS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Thermal conductivity	EN 12524	0.25 W/mK	0.25 W/mK	0.25 W/mK	0.25 W/mK	0.25 W/mK
	Body voltage	EN 1815	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV



All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001.  
All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001. Forbo Step is manufactured in a facility certified to SA8000\* and ISO 45001.  
The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all of our websites.

**Recommended adhesives:** For the latest installation instructions and recommended adhesives please visit [www.forbo-flooring.co.uk/installation](http://www.forbo-flooring.co.uk/installation)

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