

# Technical specifications



step®

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

		Surestep Original Surestep Star Surestep Steel	Surestep Material Surestep Wood Surestep Digital Print	Safestep R11	Safestep R12	Surestep Laguna Safestep Aqua
	Total thickness	EN - ISO 24346	2.0 mm	2.0 mm	2.0 mm	2.0 mm
	Thickness wear layer	EN - ISO 24340	0.7 mm	0.7 mm	0.7 mm	0.7 mm
	Commercial very heavy	EN - ISO 10874	Class 34	Class 34	Class 34	Class 34
	Light industrial	EN - ISO 10874	Class 43	Class 43	Class 43	Class 43
	Collection size		33 / 9 / 4	11 / 11 / 2	9	9
	Roll width	EN - ISO 24341	2.00 m	2.00 m	2.00 m	2.00 m
	Roll length	EN - ISO 24341	20 - 27 m	20 - 27 m	20 - 27 m	20 - 27 m
	Total weight	EN - ISO 23997	2.75 kg/m <sup>2</sup>	2.75 kg/m <sup>2</sup>	2.75 kg/m <sup>2</sup>	2.75 kg/m <sup>2</sup>
	Dimension stability	EN - ISO 23999	< 0.1%	< 0.1%	< 0.1%	< 0.1%
	Residual indentation	EN - ISO 24343-1	≤ 0.05 mm	≤ 0.05 mm	≤ 0.05 mm	≤ 0.05 mm
	Castor chair continuous use	EN 425	No effect	No effect	No effect	No effect
	Use in wet areas	EN 13553	Yes	No	Yes	Yes
	Light fastness	EN ISO 105 B-02	≥ 6	≥ 6	≥ 6	≥ 6
	Flexibility	EN-ISO 24344	ø 10 mm	ø 10 mm	ø 10 mm	ø 10 mm
	Slip resistance	EN 13845 Annex C	ESf	ESf	ESf	ESb/ESf (Laguna) ESb (Aqua)
	EN 13845 Annex D 50.000 revolutions <10% loss	Pass	Pass	Pass	Pass	Pass
	DIN 51130	R10	R10	R11	R12	R10
	DIN 51097	-	-	-	-	Class B (Laguna) Class C (Aqua)
	TRRL Pendulum – Wet test – slider 96	≥ 36	≥ 36	≥ 40	≥ 50	≥ 36 (Laguna)
	TRRL Pendulum – Wet test – slider 55	-	-	-	-	≥ 36
	Surface roughness Rz	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20
	Resistance to chemicals	EN-ISO 26987	Very good	Very good	Very good	Very good
	Electrical resistance	EN 1081 (R1)	> 1.10 <sup>9</sup> Ω	> 1.10 <sup>9</sup> Ω	1.10 <sup>9</sup> Ω	1.10 <sup>9</sup> Ω
	Creating better environments					
	Renewable electricity	Step is manufactured using 100% electricity made from renewable sources				
	Recycled content	Step contains up to 70% recycled content in the backing				
	Ska	Step meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes				

EN 14041



Step safety vinyl meets the requirements of EN 14041

		B <sub>fl</sub> -s <sub>1</sub>	B <sub>fl</sub> -s <sub>1</sub>	B <sub>fl</sub> -s <sub>1</sub>	B <sub>fl</sub> -s <sub>1</sub>	B <sub>fl</sub> -s <sub>1</sub>
	Reaction to fire	EN 13501-1	B <sub>fl</sub> -s <sub>1</sub>	B <sub>fl</sub> -s <sub>1</sub>	B <sub>fl</sub> -s <sub>1</sub>	B <sub>fl</sub> -s <sub>1</sub>
	Body voltage	EN 1815	< 2kV	< 2kV	< 2kV	< 2kV
	Thermal conductivity	EN 12524	0.25 W/m·K	0.25 W/m·K	0.25 W/m·K	0.25 W/m·K
	Slip resistance	EN 13893	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30

## Recommended adhesives

Our recommended adhesive for the safety vinyl collection is Eurosafe Special 540.

For detailed installation and cleaning procedures visit [www.forbo-flooring.co.uk/installation](http://www.forbo-flooring.co.uk/installation)



## BREEAM ratings

Safety vinyl – PVC floor covering with enhanced slip resistance (EN13845)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	B	A	A+	✓



All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing plants have certified Environmental Management Systems in accordance with ISO 14001.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPD's) or local building rating schemes such as BREEAM. Forbo Step is manufactured in a facility certified to SA8000® and OHSAS 18001.



FLOORING SYSTEMS

creating better environments