

Technical specifications

Step safety vinyl meets the requirements of EN ISO 10582 & EN 13845

		Surestep Original Surestep Star Surestep Balance	Surestep Stone Surestep Wood	Safestep R11	Safestep R12	Safestep Aqua	Surestep Laguna	Surestep Fast Fit
 Total thickness	EN ISO 24346	2.0 mm	2.0 mm	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 Pearl	PUR	PUR	PUR Pearl
 Wear layer thickness	EN ISO 24340	0.70 mm	0.70 mm	0.70 mm	0.70 mm	0.70 mm	0.70 mm	0.70 mm
 Collection size		33 - 8 - 8	13 - 12	11	6	6	14	12
 Commercial use	EN ISO 10874	Class 34	Class 34	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	Class 43	Class 43
 Roll width	EN ISO 24341	2.0 m	2.0 m	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	≤ 27 m	≤ 27 m
 Total weight	EN ISO 23997	2750 g/m ²	2750 g/m ²	2750 g/m ²	2750 g/m ²	2750 g/m ²	2750 g/m ²	2300 g/m ²
 Impact sound reduction	EN ISO 717-2	5 dB	5 dB	5 dB	5 dB	5 dB	5 dB	14 dB
 Dimensional stability	EN ISO 23999	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.1%
 Castor chair continuous use	ISO 4918	Pass	Pass	Pass	Pass	Pass	Pass	Pass
 Residual indentation Typical value	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 ~ 0.04 mm	≤ 0.10 mm ~ 0.04 mm	≤ 0.10 mm ~ 0.07 mm
 Colour fastness to light	EN ISO 105-B02 method 3	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
 Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.01 mg/m ³	≤ 0.01 mg/m ³	≤ 0.01 mg/m ³	≤ 0.01 mg/m ³	≤ 0.01 mg/m ³	≤ 0.01 mg/m ³	≤ 0.01 mg/m ³
 Resistance to chemicals	EN ISO 26987	Very good	Very good	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	ø 10 mm	ø 10 mm
 Use in wet areas	EN 13553	Yes	No	Yes	Yes	Yes	Yes	No
 Slip resistance	AS 4586-2013 Oil/wet inclined	R10	R10	R11	R12	R10	R10	R10
	EN 13845 Annex C	ESf	ESf	ESf	ESf	ESb	ESb / ESf	ESf
	AS 4586-2013 Wet pendulum	P3*	P3*	P4	P5	P3*	P3*	P3*
	AS 4586-2013 Wet barefoot					Class C	Class B	
 Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact.						
 Creating better environments								
 Renewable electricity		Step is manufactured using 100% electricity from renewable sources.						
 Recycled content (mass)		≥ 24%	≥ 24%	≥ 24%	≥ 24%	≥ 24%	≥ 24%	0 %
 GBCA Green Star rating system		Application of Surestep and Safestep 2.0 mm meets the GBCA Best Practice products (RPV ≥ 12) in combination with GreenRate Level A, Best Practice PVC certifications and product specific EPD.						
Step safety vinyl meets the requirements of EN 14041								EN 14041  0200101 - DoP-306
 Reaction to fire	AS ISO 9239.1	CRF: >4.5kW/m ² Smoke: <750%.min	CRF: >4.5kW/m ² Smoke: <750%.min	CRF: >4.5kW/m ² Smoke: <750%.min	CRF: >4.5kW/m ² Smoke: <750%.min	CRF: >4.5kW/m ² Smoke: <750%.min	CRF: >4.5kW/m ² Smoke: <750%.min	CRF: >4.5kW/m ² Smoke: <750%.min
 Thermal conductivity	EN 12524	0.25 W/mK	0.25 W/mK	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	≤ 2.0 kV	≤ 2.0 kV

* Pendulum values of Forbo safety vinyls have been achieved in an accredited 3rd party laboratory on new material. Note: On-site testing can often be highly variable due to site conditions. Forbo will not be liable or responsible for site conditions that may cause varying results.

 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.
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.

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