


























Technical specifications

Step meets the requirements of EN ISO 10582 & EN 13845

Onyx+ meets the requirements of EN 15102:2007+ A1:2011

		Safestep Aqua	Surestep Laguna	Surestep Star Barefoot	Onyx+ wall covering	
	Total thickness	EN ISO 24346	2.0 mm	2.0 mm	2.0 mm	0.92 mm
	Surface finish		PUR Pearl	PUR Pearl	PUR Pearl	
	Thickness wear layer	EN ISO 24340	0.7 mm	0.7 mm	0.7 mm	0.1 mm
	Wear layer binder content	EN ISO 10582	Type 1	Type 1	Type 1	
	Collection size		8	15	3	17
	Domestic use	EN ISO 10874	Class 23	Class 23	Class 23	
	Commercial use	EN ISO 10874	Class 34	Class 34	Class 34	
	Light industrial use	EN ISO 10874	Class 43	Class 43	Class 43	
	Roll width	EN ISO 24341	2.00 m	2.00 m	2.00 m	2.00 m
	Roll length	EN ISO 24341	≤ 27 m	≤ 27 m	≤ 27 m	≤ 30 m
	Total weight	EN ISO 23997	2750 g/m ²	2750 g/m ²	2750 g/m ²	1600 g/m ²
	Dimension stability	EN ISO 23999	≤ 0.1%	≤ 0.1%	≤ 0.1%	
	Castor chair continuous use	ISO 4918	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	
	Colour fastness to light	EN ISO 105 B-02 method 3	≥ 6	≥ 6	≥ 6	≥ 6
	Indoor Air Emissions: TVOC after 28 days	ISO 16516	≤ 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	Good
	Electrical resistance	EN 1081	> 1.10 ⁹ Ω	> 1.10 ⁹ Ω	> 1.10 ⁹ Ω	
	Flexibility	EN ISO 24344	ø 10 mm	ø 10 mm	ø 10 mm	
	Use in wet areas	EN 13553	Yes	Yes	Yes	Yes
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact				
	Renewable electricity	Step is manufactured using 100% electricity from renewable sources				
	Recycled content	Step contains up to 70% recycled content in the backing				
	Social Accountability	Step is manufactured in a facility certified to SA8000				
	Environmental	Step is GreenTag GreenRate Level A, Best Environmental Practice (BEP) PVC certified and Declare 3rd party verified. Achieves Best Practice Product RPV ≥ 12 score for Green Star Buildings Responsible Products Framework				
	Warranties	10 years or 15 years on application with Coral entrance matting system			5 years	
Step meets the requirements of EN 14041						
	Reaction to fire	AS/ISO 9239.1	CRF: 8.8kW/m ² Smoke: 136%.min	CRF: 8.8kW/m ² Smoke: 136%.min	CRF: 8.8kW/m ² Smoke: 136%.min	AS/NZS 3837 - Group 1 (149.8 m ² /kg)
		AS/NZS 4586-2013 Oil/Wet Inclined Ramp	R10	R10	R10	
	Slip resistance	AS/NZS 4586-2013 Wet Pendulum	P3*	P3*	P3*	
		AS/NZS 4586-2013 Wet Barefoot Ramp	Class C	Class B	Class B	
		EN 13845 Annex C	ESb	ESf / ESb	ESf / ESb	
		EN 13845 Annex D 50.000 revolutions	Class 34/43	Class 34/43	Class 34/43	
	Body voltage	EN 1815	< 2kV	< 2kV	< 2kV	
	Thermal conductivity	EN 12524	0.25 W/m.K	0.25 W/m.K	0.25 W/m.K	

* Disclaimer: Pendulum values of Forbo safety vinyl have been achieved in an accredited 3rd party laboratory. Forbo will not be liable or responsible for highly variable and varying in situ results. Recommended adhesives: For the latest installation instructions and recommended adhesives please visit www.forbo-flooring.com.au/installation

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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