

Technical specifications

Step meets the requirements of EN-ISO 10582 & BS EN 13845.
Onyx+ meets the requirements of EN15102:2007+A1:2011



(Excludes Onyx+)

step® wetroom

		Surestep Laguna	Safestep Aqua	Surestep Star barefoot	Onyx+ wall covering
Total thickness	EN - ISO 24346	2.0 mm	2.0 mm	2.0 mm	0.92 mm
Thickness wear layer	EN - ISO 24340	0.7 mm	0.7 mm	0.7 mm	0.1 mm
Commercial very heavy	EN - ISO 10874	Class 34	Class 34	Class 34	
Light industrial	EN - ISO 10874	Class 43	Class 43	Class 43	
Collection size		15	8	3	17
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	30 m
Total weight	EN - ISO 23997	2.75 kg/m ²	2.75 kg/m ²	2.75 kg/m ²	1.6 kg/m ²
Dimension stability	EN - ISO 23999	< 0.1%	< 0.1%	< 0.1%	
Residual indentation	EN - ISO 24343-1	≤ 0.05 mm	≤ 0.05 mm	≤ 0.05 mm	
Castor chair continuous use	EN 425	No effect	No effect	No effect	
Use in wet areas	EN 13553	Yes	Yes	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	
Slip resistance	EN 13845 Annex C	ESb/ESf	ESb	ESb/ESf	
	EN 13845 Annex D 50,000 revolutions <10% loss	Pass	Pass	Pass	
	DIN 51130	R10	R10	R10	
	DIN 51097	Class B	Class C	Class B	
	TRRL Pendulum – Wet test – slider 96	≥ 36		≥ 36	
	TRRL Pendulum – Wet test – slider 55	≥ 36	≥ 36	≥ 36	
Resistance to chemicals	EN-ISO 26987	Very good	Very good	Very good	Good
Electrical resistance	EN 1081 (R1)	> 1.10 ⁹ Ω	> 1.10 ⁹ Ω	> 1.10 ⁹ Ω	
Step meets the requirements of EN 14041				EN 14041 00200101-DoP-306	EN15102:2007 +A1:2011 0900720-DoP-705_FR
Reaction to fire	EN 13501-1	B _{fl} -s ₁	B _{fl} -s ₁	B _{fl} -s ₁	B-s2.d0*
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	
Slip resistance	EN 13893	DS: ≥ 0.30	DS: ≥ 0.30	DS: ≥ 0.30	
Release of formaldehyde					Pass
Release of heavy metals and other dangerous substances					Pass
Release of vinyl chloride monomer					Pass

*Based on product glued to A2-s1.d0 paper-faced gypsum plasterboard

Recommended adhesives

For adhesive recommendations and installation guidance please visit www.forbo-flooring.co.uk/wetroom

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, excludes Onyx+. Forbo Step is manufactured in a facility certified to SA8000® and OHSAS 18001, excludes Onyx+.



FLOORING SYSTEMS

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