

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+.



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