

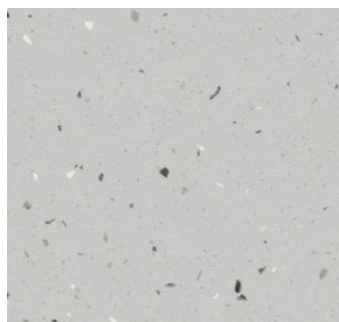


## MATERIAL DETAILS

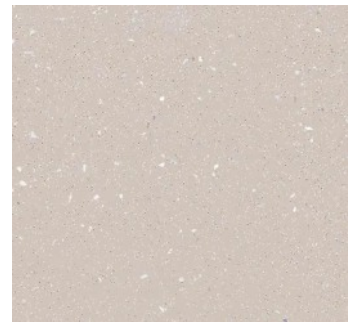
ITEM	MATERIAL SIZE	ORIGIN	SPECIFICATION
01. Surestep Star 176082 snow	Roll Size: 2.0 m x ≤ 25 m	NETHERLANDS	
02. Surestep Star 176422 trout	Roll Size: 2.0 m x ≤ 25 m	NETHERLANDS	
03. Surestep Star 176312 mortar	Roll Size: 2.0 m x ≤ 25 m	NETHERLANDS	



Snow 176082































Trout 176422



Mortar 176312

# Technical specifications

Step meets the requirements of EN ISO 10582 & EN 13845

		Surestep Original Surestep Star Surestep Steel	Surestep Material Surestep Wood Surestep DP	Safestep R11	Safestep R12	Safestep Aqua	Surestep Star Barefoot Surestep Laguna
 Total thickness	EN ISO 24346	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm
Surface finish		PUR Pearl	PUR Pearl PUR Wood Pearl	PUR Pearl	PUR Pearl	PUR	PUR
 Wear layer thickness	EN ISO 24340	0.70 mm	0.70 mm	0.70 mm	0.70 mm	0.70 mm	0.70 mm
Wear layer binder content	EN ISO 10582	Type 1	Type 1	Type 1	Type 1	Type 1	Type 1
 Collection size		33 - 9 - 4	11 - 11 - 2	9	9	8	3 - 15
 Domestic use	EN ISO 10874	Class 23	Class 23	Class 23	Class 23	Class 23	Class 23
 Commercial use	EN ISO 10874	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
 Roll width	EN ISO 24341	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m	2.00 m
 Roll length	EN ISO 24341	27 m	≤ 27 m	≤ 27 m	≤ 27 m	≤ 27 m	≤ 27 m
 Total weight	EN ISO 23997	2750 g/m <sup>2</sup>	2750 g/m <sup>2</sup>	2750 g/m <sup>2</sup>	2750 g/m <sup>2</sup>	2750 g/m <sup>2</sup>	2750 g/m <sup>2</sup>
 Dimensional stability	EN ISO 23999	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.1%
 Castor chair continuous use	ISO 4918	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
 Colour fastness to light	EN ISO 105 B-02 method 3	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
 Indoor Air Emissions: TVOC after 28 days	ISO 16516	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>	≤ 0.01 mg/m <sup>3</sup>
 Resistance to chemicals	EN ISO 26987	Very good	Very good	Very good	Very good	Very good	Very good
 Electrical resistance	EN 1081	> 1.10 <sup>9</sup> Ω	> 1.10 <sup>9</sup> Ω	> 1.10 <sup>9</sup> Ω	> 1.10 <sup>9</sup> Ω	> 1.10 <sup>9</sup> Ω	> 1.10 <sup>9</sup> Ω
 Flexibility	EN ISO 24344	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
	DIN 51130	R10	R10	R11	R12	R10	R10
	EN 13845 Annex C	ESf	ESf	ESf	ESf	ESb	ESb / ESf
 Slip resistance	EN 13845 Annex D 50.000 revolutions	Class 34/43	Class 34/43	Class 34/43	Class 34/43	Class 34/43	Class 34/43
	Din 51097					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		Step contains up to 70% recycled content in the backing					
EN 14041							
							
Step meets the requirements of EN 14041							
 Reaction to fire	EN 13501-1	B <sub>fl</sub> -s1, G, CS	B <sub>fl</sub> -s1, G, CS	B <sub>fl</sub> -s1, G, CS	B <sub>fl</sub> -s1, G, CS	B <sub>fl</sub> -s1, G, CS	B <sub>fl</sub> -s1, G, CS
 Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
 Thermal conductivity	EN 12524	0.25 W/m.K	0.25 W/m.K	0.25 W/m.K	0.25 W/m.K	0.25 W/m.K	0.25 W/m.K
 Body voltage	EN 1815	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV

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.

