

Technical specifications



step® decibel

Surestep Decibel meets the requirements of BS EN 13845 and EN 651 (ISO 11638)

	Total thickness	EN - ISO 24346 / EN 428	3.0 mm
	Thickness wear layer	EN - ISO 24340 / EN 429	0.7 mm
	Commercial very heavy	EN - ISO 10874 / EN 685	Class 34
	Industrial heavy	EN - ISO 10874 / EN 685	Class 42
	Collection size		12
	Roll width	EN - ISO 24341 / EN 426	2.00 m / 4.00 m
	Roll length	EN - ISO 24341 / EN 426	20 - 27 m
	Total weight	EN - ISO 23997 / EN 430	2.8 kg/m ²
	Dimension stability	EN - ISO 23999 / EN 434	< 0.1%
	Impact sound reduction	EN ISO 171-2	17 dB
	In-room impact noise	NF S 31-074	Ln, e, w < 65 dB, Class A
	Residual indentation	EN - ISO 24343-1 / EN 433	≤ 0.15 mm
	Abrasion resistance	EN 660-2	Group T
	Castor chair continuous use	ISO 4918 / EN 425	No effect
	Use in wet areas	EN 13553	No
	Light fastness	EN ISO 105 B-02	≥ 6
	Flexibility	EN-ISO 24344 / EN 435	ø 10 mm
	Slip resistance	EN 13845 Annex C	ESf
		EN 13845 Annex D 50.000 revolutions <10% loss	Pass
		DIN 51130	R10
		TRRL Pendulum – Wet test – slider 96	≥ 36 Low slip risk
	Resistance to chemicals	EN-ISO 26987 / EN 423	Very good
	Electrical resistance	EN 1081 (R1)	> 1.10 ⁹ Ω
	Creating better environments		
	Renewable electricity	Step is manufactured using 100% electricity made from renewable sources	

Surestep Decibel meets the requirements of EN 14041



	Reaction to fire	EN 13501-1	B _s -s ₁
	Body voltage	EN 1815	< 2kV
	Thermal conductivity	EN 12524	0.25 W/m·K
	Slip resistance	EN 13893	DS: ≥ 0.30

Recommended adhesives

Our recommended adhesive for the Step collection is Eurosafe special 540. For detailed installation and cleaning procedures visit www.forbo-flooring.co.uk/installation



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. Forbo Step is manufactured in a facility certified to SA8000® and OHSAS 18001.



FLOORING SYSTEMS

creating better environments