Technical specifications

Flotex tiles meet the requirements of EN 1307

		tile	Acoustic Plus tile
Total thickness	ISO 1765	5.0 mm	5.9 mm
Total weight	ISO 8543	4800 g/m²	2600 g/m²
Pile composition		100% polyamide 6.6	100% polyamide 6.6
Commercial use	EN ISO 10874	Class 33	Class 33
Tile size		50 x 50cm	50 x 50cm
Packaging per carton tiles		12 (3m²)	10 (2.5m²)
Dimension stability	ISO 2551 / EN 986	≤ 0.1%	≤ 0.1%
Abrasion resistance	EN 1307 annex F	> 1000 cycles	> 1000 cycles
Castor chair continuous use	ISO 4918	r ≥ 2.4	r ≥ 2.4
Colour fastness to light	EN ISO 105-B02	≥ 6	≥ 6
Slip resistance	BS 7976-2 (UK SRG pendulum)	Dry - very low slip risk Wet - low slip risk	Dry - very low slip risk Wet - low slip risk
Acoustic impact noise reduction	EN ISO 717-2	$\Delta L_w = \geq 19$ dB	$\Delta L_w = \geq 22$ dB
Acoustic sound absorption	ISO 354	$\alpha_w = 0.10$ (H)	$\alpha_w = 0.10$ (H)
Water impermeability	EN 1307 annex G	Pass	Pass
Creating better environments			
Renewable Electricity		Flotex is manufactured using 100% electricity made from renewable resources	
Recycled content		Flotex sheet contains up to 20% recycled content by weight	
Indoor air quality		Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.	
Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m³	≤ 0.1 mg/m³
Back to the Floor		Installation off cuts can be collected via Back to the Floor	
SKA		Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
LCA		Life Cycle Assessment is the foundation for securing the lowest environmental impact	
Flotex meets the requirements of EN 14041:2004		EN 14041:2004 CE 1200201-DoP-101	EN 14041:2004 CE 1200301-DoP-101
Great Britain only Flotex meets the requirements of BS EN 14041: 2004		EN 14041:2004 UKCA 1200201-DoP-108	EN 14041:2004 UKCA 1200201-DoP-108
Reaction to fire	EN 13501-1	B_{fl}-s1, L, CS	B_{fl}-s1, L, CS
Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
Body voltage	ISO 6356	≤ 2.0 kV	≤ 2.0 kV
Thermal conductivity	EN 12524	0.06 W/mK	0.06 W/mK
Content of specific dangerous substances	ISO 14041	Compliant	Compliant

Recommended adhesives: For the latest installation instructions and recommended adhesives please visit **www.forbo-flooring.co.uk/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.

Flotex is manufactured in a facility certified to SA8000 and OHSAS 18001.

SAMPLE SERVICE
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BIM REVIT | ARCHICAD

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LR CERTIFIED ISO 9001

BREEAM specific ratings for product ranges

Product description	Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
Flotex Tile with recycled backing	B	A	A	B	B	A+	✔

forbo FLOORING SYSTEMS