Technical specifications

Flotex sheet & tiles meet the requirements of EN 1307

		Flotex advance sheet	Flotex advance tile
Total thickness	ISO 1765	3.9 mm	5.0 mm
Total weight	ISO 8543	2,150 g/m²	4,800 g/m²
Pile composition		100% polyamide 6.6	100% polyamide 6.6
Commercial use	EN-ISO 10874	Class 33	Class 33
Sheet roll width		2.0 m	–
Sheet roll length		± 25 m	–
Tile size		–	50 x 50 cm
Packaging per carton tiles		–	12 (3 m²)
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	≥ 5	≥ 5
Slip resistance	AS/NZS 4586-2013	R12, P5	R12, P5
Acoustic impact noise reduction	EN-ISO 717-2	$\Delta L_w \geq 20$ dB	$\Delta L_w \geq 19$ dB
Acoustic sound absorption	ISO 354	$\alpha_w = 0.10$ (H)	$\alpha_w = 0.10$ (H)
Water impermeability	EN 1307 annex G	Pass	Pass

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Renewable electricity	Flotex is manufactured using 100% electricity made from renewable sources.
Recycled content	Flotex advance sheet contains up to 21,8% recycled content by weight. Flotex tile contains up to 59% 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 advance sheet has low emissions.

		Flotex advance sheet	Flotex advance tile
Indoor Emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m³	≤ 0.1 mg/m³
SKA		Flotex meets SKA Rating criteria for M12 for 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 1200401- DoP - 210	EN 14041:2004 CE 1200201- DoP -101
Reaction to fire	ISO 9239.1	CRF: >4.5kW/m² Smoke: <750%.min	CRF: >4.5kW/m² Smoke: <750%.min
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	EN 14041	Compliant	Compliant

Flotex Advance sheet can be installed loose laid using a double side adhesive tape (Forbo Modul'up ref 792) at the seams and at door thresholds, or Flotex Advance sheet can be fully glued with our recommended adhesive F54. Our recommended tackifier for Flotex tiles is FPS1. Please contact customer services for more information. 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.

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🌐 **forbo-flooring.com.au/flotex**

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