Technical specifications

Flotex sheet & tiles meet the requirements of EN 1307

		Flotex colour sheet	Flotex colour tile	Flotex borders
Total thickness	ISO 1765	4.3 mm	5.0 mm	4.3 mm
Total weight	ISO 8543	1,800 g/m²	4,800 g/m²	1,800 g/m²
Pile composition		100% polyamide 6.6	100% polyamide 6.6	100% polyamide 6.6
Commercial use	EN-ISO 10874	Class 33	Class 33	Class 33
Sheet roll width		2.0 m	–	11 cm or 22 cm
Sheet roll length		± 30 m	–	15 m
Tile size		–	50 x 50 cm	–
Packaging per carton tiles		–	12 (3 m²)	–
Dimension stability	ISO 2551 / EN 986	≤ 0.2%	≤ 0.1%	≤ 0.2%
Abrasion resistance	EN 1307 annex F	> 1000 cycles	> 1000 cycles	> 1000 cycles
Castor chair continuous use	ISO 4918	r ≥ 2.4	r ≥ 2.4	r ≥ 2.4
Colour fastness to light	EN-ISO 105-B02	≥ 6	≥ 6	≥ 6
Slip resistance	AS/NZS 4586-2013	R12, P5	R12, P5	R12, P5
Acoustic impact noise reduction	EN-ISO 717-2	ΔL_w ≥ 21 dB	ΔL_w ≥ 19 dB	ΔL_w ≥ 21dB
Acoustic sound absorption	ISO 354	α_w = 0.10 (H)	α_w = 0.10 (H)	α_w = 0.10 (H)
Water impermeability	EN 1307 annex G	Pass	Pass	Pass
Creating Better Environments				
Renewable electricity		Flotex is manufactured using 100% electricity made from renewable sources.		
Recycled content		Flotex sheet contains up to 20% 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 sheet has ultra low emissions.		
Indoor Emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m³	≤ 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 BS EN 14041:2004		EN 14041:2004 $C\epsilon$ 1200101- DoP -012	EN 14041:2004 $C\epsilon$ 1200201- DoP -101	EN 14041:2004 $C\epsilon$ 1200101- DoP -012
Reaction to fire	EN 13501-1	CRF: >4.5kW/m² Smoke: <750%.min	CRF: >4.5kW/m² Smoke: <750%.min	CRF: >4.5kW/m² Smoke: <750%.min
Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
Body voltage	ISO 6356	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV
Thermal conductivity	EN 12524	0.06 W/mK	0.06 W/mK	0.06 W/mK
Content of specific dangerous substances	EN 14041	Compliant	Compliant	Compliant

Our recommended adhesive for Flotex Sheet is 6 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.

LRQA CERTIFIED ISO 9001

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