

Technical specifications

Flotex sheet, tile & plank meet the requirements of EN 1307



		Flotex colour sheet	Flotex colour tile	Flotex colour plank	Flotex colour embossed tile	Flotex colour Acoustic Plus tile	Flotex borders	
	Total thickness	ISO 1765	4.3 mm	5.0 mm	5.0 mm	5.9 mm	4.3 mm	
	Total weight	ISO 8543	1,800 g/m ²	4,800 g/m ²	4,800 g/m ²	2,600 g/m ²	1,800 g/m ²	
	Pile composition		100% polyamide 6.6	100% polyamide 6.6	100% polyamide 6.6	100% polyamide 6.6	100% polyamide 6.6	
	Commercial use	EN-ISO 10874	Class 33	Class 33	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 / Plank size		-	50 x 50 cm	100 x 25 cm	50 x 50 cm	50 x 50 cm	
	Packaging per carton tiles/planks		-	12 (3m ²)	10 (2.5m ²)	12 (3m ²)	10 (2.5m ²)	
	Dimension stability	ISO 2551 / EN 986	≤ 0.2%	≤ 0.1%	≤ 0.1%	≤ 0.1%	≤ 0.2%	
	Abrasion resistance	EN 1307 annex F	> 1000 cycles	> 1000 cycles	> 1000 cycles	> 1000 cycles	> 1000 cycles	
	Castor chair continuous use	ISO 4918	r ≥ 2.4	r ≥ 2.4	r ≥ 2.4	r ≥ 2.4	r ≥ 2.4	
	Colour fastness to light	EN-ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	
	Slip resistance	BS 7976-2 (UK SRG pendulum)	Dry - low slip risk Wet - low slip risk	Dry - low slip risk Wet - low slip risk	Dry - low slip risk Wet - low slip risk	Dry - low slip risk Wet - low slip risk	Dry - low slip risk Wet - low slip risk	
	Acoustic impact noise reduction	EN-ISO 717-2	ΔL _w ≥ 21 dB	ΔL _w ≥ 19 dB	ΔL _w ≥ 19 dB	ΔL _w ≥ 22dB	ΔL _w ≥ 21dB	
	Acoustic sound absorption	ISO 354	α _w = 0.10 (H)	α _w = 0.10 (H)	α _w = 0.10 (H)	α _w = 0.25 (H)	α _w = 0.10 (H)	
	Water impermeability	EN 1307 annex G	Pass	Pass	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 / plank 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/m ³	≤ 0.1 mg/m ³	≤ 0.1 mg/m ³	≤ 0.1 mg/m ³	≤ 0.1 mg/m ³	
	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.					
			EN 14041:2004	EN 14041:2004	EN 14041:2004	EN 14041:2004	EN 14041:2004	
			CE	CE	CE	CE	CE	
	Flotex meets the requirements of EN 14041:2004		1200101- DOP -012	1200201- DOP -101	1200201- DOP -101	1200201- DOP -101	1200101- DOP -012	
			BS EN 14041:2004	BS EN 14041:2004	BS EN 14041:2004	BS EN 14041:2004	BS EN 14041:2004	
	Great Britain Only		UK CA	UK CA	UK CA	UK CA	UK CA	
	Flotex meets the requirements of BS EN 14041:2004		1200101- DoP -GB108	1200201- DoP -GB108	1200201- DoP -GB108	1200201- DoP -GB108	1200101- DoP -GB108	
	Reaction to fire	EN 13501-1	B _i -s1, L, NCS	B _i -s1, L, CS	B _i -s1, L, CS	B _i -s1, L, CS	B _i -s1, L, NCS	
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	
	Body voltage	ISO 6356	≤ 2.0 kV	≤ 2.0 kV	≤ 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	0.06 W/mK	0.06 W/mK	
	Content of specific dangerous substances	EN 14041	Compliant	Compliant	Compliant	Compliant	Compliant	

Our recommended adhesive for Flotex Sheet is 640 Eurostar Special. Our recommended tackifier for Flotex Modular is 542 eurofix tack plus. 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.



05-2023