

Technical specifications

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

		Sheet	Tile	Plank	Embossed Tile	AcousticPlus Tile	Borders	
	Total thickness	ISO 1765	4.3 mm	5.0 mm	5.0 mm	5.0 mm	5.9 mm	4.3 mm
	Commercial use	EN-ISO 10874	Class 33 heavy	Class 33 heavy	Class 33 heavy	Class 33 heavy	Class 33 heavy	Class 33 heavy
	Sheet roll width		2.0 m	-	-	-	-	11cm 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	-
	Quantity of tiles / planks per box		-	12 (3m ²)	10 (2.5m ²)	12 (3m ²)	10 (2.5m ²)	-
	Total weight	ISO 8543	1.8 kg/m ²	4.8 kg/m ²	4.8 kg/m ²	4.8 kg/m ²	2.6 kg/m ²	1.8 kg/m ²
	Dimension stability	ISO 2551 / EN 986	< 0.2%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.2%
	Abrasion resistance	EN 1307 annex F	> 1000 cycles	> 1000 cycles	> 1000 cycles	> 1000 cycles	> 1000 cycles	> 1000 cycles
	Castor chair continuous use	EN 985 Test A	r ≥ 2.4 continuous use – Pass	r ≥ 2.4 continuous use – Pass	r ≥ 2.4 continuous use – Pass	r ≥ 2.4 continuous use – Pass	r ≥ 2.4 continuous use – Pass	r ≥ 2.4 continuous use – Pass
	Light fastness	EN-ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
	Slip resistance	UK SRG pendulum	Dry - very low slip risk Wet - low slip risk	Dry - very low slip risk Wet - low slip risk	Dry - very low slip risk Wet - low slip risk	Dry - very low slip risk Wet - low slip risk	Dry - very low slip risk Wet - low slip risk	Dry - very low slip risk Wet - low slip risk
	Acoustic	EN-ISO 717-2	Impact sound ΔLw ≥ 20 dB	Impact sound ΔLw ≥ 19 dB	Impact sound ΔLw ≥ 19 dB	Impact sound ΔLw ≥ 19dB	Impact sound ΔLw ≥ 22dB	Impact sound ΔLw ≥ 20dB
		ISO 354	Sound absorption = 0.10	Sound absorption = 0.10	Sound absorption = 0.10	Sound absorption = 0.10	Sound absorption = 0.25	Sound absorption = 0.10
	Water impermeability	EN 1307 annex G	Pass	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 52% recycled content by weight.						
	Indoor air quality	All Flotex products are tested for indoor air emissions in accordance with ISO 16000-9 after 3 days and 28 days. Flotex Colour sheet has emissions that are below detection limits after 28 days.						
	SKA	Flotex meets SKA Rating criteria for M12 for soft floor coverings in office, retail and higher education schemes.						
	LCA	LCA is the foundation for securing the lowest environmental impact.						
	Flotex meets the requirements of EN 14041	EN 14041 CE 1200101-DOP-512	EN 14041 CE 1200201-DOP-306	EN 14041 CE 1200201-DOP-306	EN 14041 CE 1200201-DOP-306	EN 14041 CE 1200202-DOP-811	EN 14041 CE 1200101-DOP-512	
	Reaction to fire	B _f -s1	B _f -s1	B _f -s1	B _f -s1	B _f -s1	B _f -s1	
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	ISO 6356	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV
	Thermal resistance	ISO 8302	0.048 m ² K/W	0.037 m ² K/W	0.037 m ² K/W	0.037 m ² K/W	0.040 m ² K/W	0.048 m ² K/W
	Indoor air emission	EN 16516	< 0,2 mg/ m ³	< 0,2 mg/ m ³	< 0,2 mg/ m ³	< 0,2 mg/ m ³	< 0,2 mg/ m ³	< 0,2 mg/ m ³
	Content of specific dangerous substances	EN 14041	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant

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.

