

Technical specifications

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

		Sheet	Tile	Embossed Tile	AcousticPlus Tile	Borders	
	Total thickness	ISO 1765	4.3 mm	5.0 mm	5.0 mm	5.9 mm	4.3 mm
	Total weight	ISO 8543	1.8 kg/m ²	4.8 kg/m ²	4.8 kg/m ²	2.6 kg/m ²	1.8 kg/m ²
	Commercial use	EN-ISO 10874	Class 33 heavy	Class 33 heavy	Class 33 heavy	Class 33 heavy	Class 33 heavy
	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	50 x 50 cm	50 x 50 cm	-
	Quantity of tiles / planks per box		-	12 (3m 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 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 (conventionally printed)	EN-ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
	Light fastness (digitally printed)	EN-ISO 105-B02	≥ 5	≥ 5	≥ 5	≥ 5	≥ 5
	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
	Acoustic	EN-ISO 717-2	Impact sound ΔLw ≥ 20 dB	Impact sound ΔLw ≥ 19 dB	Impact sound ΔLw ≥ 19 dB	Impact sound ΔLw ≥ 22 dB	Impact sound ΔLw ≥ 20 dB
		ISO 354	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
	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. Flotex AcousticPlus tile contains up to 30% recycled content by weight.				
	Indoor air quality		All Flotex products are tested for indoor air emissions in accordance with EN 16516 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					
		1200101-DoP-512	1200201-DOP-306	1200201-DOP-306	1200202-DOP-811	1200101-DoP-512	
	Reaction to fire	B ₀ -s1, L, NCS	B ₀ -s1, L, NCS	B ₀ -s1, L, NCS	B ₀ -s1, L, NCS	B ₀ -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	< 2kV	< 2kV	< 2kV	< 2kV	< 2kV
	Thermal resistance	EN 12667	0.048 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

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.

*The Eurofins Comfort Gold certification applies to conventionally printed, standard sheet, tile & plank items only.

