
























# Technical specifications

Flotex sheet, tile and plank meets the requirements of EN ISO 1307

		Sheet	Tile	AcousticPlus Tile	Plank	Borders	
	Total thickness	ISO 1765	4.3 mm	5.0 mm	5.9 mm	5.0 mm	4.3 mm
	Total weight	ISO 8543	1.8 kg/m <sup>2</sup>	4.8 kg/m <sup>2</sup>	2.6 kg/m <sup>2</sup>	4.8 kg/m <sup>2</sup>	1.8 kg/m <sup>2</sup>
	Commercial use	EN-ISO 10874	Class 33 heavy	Class 33 heavy	Class 33 heavy	Class 33 heavy	Class 33 heavy
	Roll width		2.0 m	-	-	-	11 cm or 22 cm
	Roll length		30 m	-	-	-	15 m
	Tile / Plank size		-	50 x 50 cm	50 x 50 cm	100 x 25 cm	-
	Quantity of tiles / planks per box		-	12 (3m <sup>2</sup> )	10 (2.5m <sup>2</sup> )	10 (2.5m <sup>2</sup> )	-
	Dimensional stability	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
	Acoustic	EN-ISO 717-2	Impact sound ΔLw ≥ 21 dB	Impact sound ΔLw ≥ 19 dB	Impact sound ΔLw ≥ 22 dB	Impact sound ΔLw ≥ 19 dB	Impact sound ΔLw ≥ 21 dB
		ISO 354	Sound absorption = 0.10	Sound absorption = 0.10	Sound absorption = 0.25	Sound absorption = 0.10	Sound absorption = 0.10
	Water impermeability	EN 1307 annex G	Pass	Pass	Pass	Pass	Pass
	Creating better environments						
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact					
	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	Flotex is approved by Allergy UK. All Flotex products are tested for indoor air emissions in accordance with ISO 16000-9 after 3 days and 28 days.					
	Social Accountability	Flotex is manufactured in a facility certified to SA8000					
	Environmental	Flotex is GreenTag GreenRate Level A, Best Environmental Practice (BEP) PVC certified and Declare 3rd party verified. Achieves Best Practice Product RPV ≥ 12 score for Green Star Buildings Responsible Products Framework					
	Warranties	10 years or 15 on application with Coral entrance matting system					

Flotex meets the requirements of EN 14041

		1200101-DoP-512	1200201-DoP-306	1200202-DoP-811	1200201-DoP-306	1200101-DoP-512	
	DoP	EN 14041					
	Reaction to fire	AS/ISO 9239.1	CRF: 9.0 kW/m <sup>2</sup> Smoke: 96 % min	CRF: 8.4 kW/m <sup>2</sup> Smoke: 270% min	CRF: >4.5kW/m <sup>2</sup> Smoke: <750% min	CRF: 8.4 kW/m <sup>2</sup> Smoke: 270% min	CRF: 9.0 kW/m <sup>2</sup> Smoke: 96 % min
	Slip resistance	AS/NZS 4586-2013	R12 / P5	R12 / P5	R12 / P5	R12 / P5	R12 / P5
	Body voltage	ISO 6356	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV
	Indoor air emission	EN 16516	< 0.2 mg/ m <sup>3</sup>	< 0.2 mg/ m <sup>3</sup>	< 0.2 mg/ m <sup>3</sup>	< 0.2 mg/ m <sup>3</sup>	< 0.2 mg/ m <sup>3</sup>
	Thermal resistance	ISO 8302	0.048 m <sup>2</sup> K/W	0.037 m <sup>2</sup> K/W	0.040 m <sup>2</sup> K/W	0.037 m <sup>2</sup> K/W	0.048 m <sup>2</sup> K/W

Recommended adhesives: For the latest installation instructions please visit [www.forbo-flooring.com.au/installation](http://www.forbo-flooring.com.au/installation).

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 (EPDs) which can be found on all of our websites.



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11/2022



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