Technical specifications

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

		Sheet	Tile	Plank	AcousticPlus Tile	Borders
Total thickness	ISO 1765	4.3 mm	5.0 mm	5.0 mm	5.9 mm	4.3 mm
Commercial use	EN 685	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	100 x 25 cm	50 x 50 cm	-
Quantity of tiles / planks per box		-	12 (3m^2)	10 (2.5m^2)	10 (2.5m^2)	-
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
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	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
Light fastness	EN-ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
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
Resistance to fungal growth	AS 1157.4: 1978	Total resistance	Total resistance	Total resistance	Total resistance	Total resistance

Creating better environments		
Renewable electricity		Flotex is manufactured using 100% electricity made from renewable sources
Recycled content		Flotex sheet contains approximately 22% recycled content by weight Flotex tiles contain approximately 67% 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
LCA Life cycle assessment		LCA is a foundation for securing the lowest environmental impact

CE
EN 14041

Flotex meets the requirements of EN 14041

		Sheet	Tile	Plank	AcousticPlus Tile	Borders
Reaction to fire	AS/ISO 9239-1	CRF 9.0 kW/m^2 Smk dvlp 96 %.min	CRF 8.4 kW/m^2 Smk dvlp 270%.min	CRF 8.4 kW/m^2 Smk dvlp 270%.min	CRF >4.5kW/m^2 Smk dvlp <750% min	CRF >4.5kW/m^2 Smk dvlp <750% min
Slip resistance	AS/NZ 4586	R12 / P5	R12 / P5	R12 / P5	R12 / P5	R12 / P5
Body voltage	ISO 6356	< 2 kV	< 2 kV	< 2 kV	< 2 kV	< 2 kV
Thermal conductivity	ISO 8302	0.048 m^2 K/W	0.040 m^2 K/W	0.037 m^{2}K/W	0.040 m^{2}K/W	0.048 m^{2}K/W
Indoor air miss	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

Recommended adhesives
Our recommended adhesive for the Flotex sheet collection is 540 Eurosafe Special.
Our recommend adhesive for Flotex tile/plank installations is PS1 Tile Fix tackifier.

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.

ISO 9001

Downloads

FLOTEX TILE/PLANK FIRE REPORT

FLOTEX TILE WALL FIRE REPORT

FLOTEX SHEET FIRE REPORT

FLOTEX SLIP REPORT

FLOTEX CLEANING GUIDE

FLOTEX WARRANTY PACK

For more information contact your Forbo representative or call 1800 224 471.

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