Technical specifications

Flotex Linear meets the requirements of EN 1307

		sheet	tile
Total thickness	ISO 1765	4.3 mm	5.0 mm
Commercial use	EN-ISO 10874	Class 33 heavy	Class 33 heavy
Roll width		2.0 m	-
Roll length		30 m	-
Tile size		-	50 x 50 cm
Quantity of tiles per box		-	12 (3m²)
Total weight	ISO 8543	1.8 kg/m²	4.8 kg/m²
Dimension stability	ISO 2551 / EN 986	< 0.2%	< 0.1%
Abrasion resistance	EN 1307 annex F	> 1000 cycles	> 1000 cycles
Castor chair continuous use	EN 985 Test A	r ≥ 2.4 continuous use – Pass	r ≥ 2.4 continuous use – Pass
Light fastness	EN-ISO 105-B02	≥ 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
Acoustic	EN-ISO 717-2	Impact sound ΔLw = 20 dB	Impact sound ΔLw = 19 dB
	ISO 354	Sound absorption = 0.10	Sound absorption = 0.10
Water impermeability	EN 1307 annex G	Pass	Pass
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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 contains up to 52% 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. Flotex Colour & Linear sheet have 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 1200201-DOP-306	EN 14041 CE 1200101-DOP-512
Reaction to fire		B$_{fl}$-s1	B$_{fl}$-s1
Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
Body voltage	ISO 6356	< 2kV	< 2kV
Thermal resistance	ISO 8302	0.048 m²K/W	0.037 m²K/W

Recommended adhesives
Our recommended adhesive for the Flotex collection is Eurosafe Special 540 or Eurostar Special 640.
Our recommend adhesive for Flotex tile installations is 542 Eurofix Tack Plus 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.

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