

# Technical specifications

Flotex sheet and tile meet the requirements of EN 1307

		Flotex colour Sheet	Flotex colour Tile	Flotex borders	
	Total thickness	ISO 1765	4.3 mm	5.0 mm	4.3 mm
	Total weight	ISO 8543	1800 g/m <sup>2</sup>	4800 g/m <sup>2</sup>	1800 g/m <sup>2</sup>
	Pile composition		100% polyamide 6.6	100% polyamide 6.6	100% polyamide 6.6
	Commercial use	EN ISO 10874	Class 33	Class 33	Class 33
	Sheet roll width		2.0 m	-	11 cm or 22 cm
	Sheet roll length		± 30 m	-	15 m
	Tile size		-	50 x 50cm	-
	Packaging per carton tiles		-	12 (3m <sup>2</sup> )	-
	Dimension stability	ISO 2551 / EN 986	≤ 0.2%	≤ 0.1%	≤ 0.2%
	Abrasion resistance	EN 1307 annex F	> 1000 cycles	> 1000 cycles	> 1000 cycles
	Castor chair continuous use	ISO 4918	r ≥ 2.4	r ≥ 2.4	r ≥ 2.4
	Colour fastness to light	EN ISO 105-B02	≥ 6	≥ 6	≥ 6
	Slip resistance	BS 7976-2 (UK SRG pendulum)	Dry - low slip risk Wet - low slip risk	Dry - low slip risk Wet - low slip risk	Dry - low slip risk Wet - low slip risk
	Acoustic impact noise reduction	EN ISO 717-2	ΔL <sub>w</sub> = ≥ 21 dB	ΔL <sub>w</sub> = ≥ 19 dB	ΔL <sub>w</sub> = ≥ 21 dB
	Acoustic sound absorption	ISO 354	α <sub>w</sub> = 0.10 (H)	α <sub>w</sub> = 0.10 (H)	α <sub>w</sub> = 0.10 (H)
	Water impermeability	EN 1307 annex G	Pass	Pass	Pass
	<b>Creating better environments</b>				
	Renewable Electricity	Flotex is manufactured using 100% electricity made from renewable resources			
	Recycled content	Flotex sheet contains up to 20% recycled content by weight. Flotex tile contains up to 59% 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 EN 16516 after 3 days and 28 days. Flotex sheet has ultra low emissions.			
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m <sup>3</sup>	≤ 0.1 mg/m <sup>3</sup>	≤ 0.1 mg/m <sup>3</sup>
	Back to the Floor	Installation off cuts can be collected via Back to the Floor			
	SKA	Flotex meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes			
	LCA	Life Cycle Assessment is the foundation for securing the lowest environmental impact			
		EN 14041:2004	EN 14041:2004	EN 14041:2004	
	Flotex meets the requirements of EN 14041:2004	1200301-DoP-012	1200301-DoP-101	1200301-DoP-012	
		EN 14041:2004	EN 14041:2004	EN 14041:2004	
	Great Britain only Flotex meets the requirements of BS EN 14041: 2004	1200201-DoP-108	1200201-DoP-108	1200101-DoP-108	
	Reaction to fire	EN 13501-1	B <sub>f1</sub> -s1, L, NCS	B <sub>f1</sub> -s1, L, CS	B <sub>f1</sub> -s1, L, NCS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	ISO 6356	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV
	Thermal conductivity	EN 12524	0.06 W/mK	0.06 W/mK	0.06 W/mK
	Content of specific dangerous substances	ISO 14041	Compliant	Compliant	Compliant

**Recommended adhesives:** For the latest installation instructions and recommended adhesives please visit [www.forbo-flooring.co.uk/installation](http://www.forbo-flooring.co.uk/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 (EPD's) which can be found on all of our websites.

Flotex is manufactured in a facility certified to SA8000 and OHSAS 18001.

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## BREEAM specific ratings for product ranges

Product description	Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
Flotex Tile with recycled backing	B	A	A	B	B	A+	✓
Flotex Sheet with PVC backing	A	A+	A+	A	A	A+	

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