## **Technical specifications**

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

Total Inflictiones   DO 1765   S. 4.3 mm   S. 0 mm				Sheet	Tile	Plank	Embossed Tile	AcousticPlus Tile	Borders
Sect of I width   2.0 m	~ ^	Total thickness	ISO 1765	4.3 mm	5.0 mm	5.0 mm	5.0 mm	5.9 mm	4.3 mm
Sect roll length	jii k	Commercial use	EN-ISO 10874	Class 33 heavy					
Tile / Plaink size		Sheet roll width		2.0 m	-	-	-	-	11cm or 22 cm
Quantity of files / price per loss   -   12 (3m²)   10 (12.5m²)   12 (3m²)   10 (12.5m²)   -	<b>3</b>	Sheet roll length		30 m	-	-	-	-	15 m
Total weight   150 8543   1.8 kg/m²   4.8 kg/m²   4.8 kg/m²   4.8 kg/m²   2.6 kg/m²   1.8 kg/m²   1		Tile / Plank size		-	50 x 50 cm	100 x 25 cm	50 x 50 cm	50 x 50 cm	_
Dimension stability   SO 2551 / EN 986   < 0.2%   < 0.1%   < 0.1%   < 0.1%   < 0.1%   < 0.1%   < 0.1%   < 0.2%				-	12 (3m²)	10 (2.5m²)	12 (3m²)	10 (2.5m²)	-
Abrasion resistance EN 1307 annex F > 1000 cycles = 1000	T	Total weight	ISO 8543	1.8 kg/m <sup>2</sup>	4.8 kg/m <sup>2</sup>	4.8 kg/m <sup>2</sup>	4.8 kg/m <sup>2</sup>	2.6 kg/m <sup>2</sup>	1.8 kg/m²
Castor chair continuous use		Dimension stability	ISO 2551 / EN 986	< 0.2%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.2%
Continuous use EN 95 let A		Abrasion resistance	EN 1307 annex F	> 1000 cycles					
Silip resistance   UK SRG pendulum   Dry - very low slip risk   Wet - low slip risk			EN 985 Test A						
Sign resistance  On Sing perioducing  Wet - low slip risk  Impact sound  ALw ≥ 20dB  Alw ≥ 19dB	7	Light fastness	EN-ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
Acoustic    EN-ISO 717-2   Impact sound   Impact sound   Impact sound   ALW ≥ 19 db   ALW ≥ 10 db	78	Slip resistance	UK SRG pendulum						
SO 354   Sound absorption = 0.10   Sound absorption = 0.10   Sound absorption = 0.10   Sound absorption = 0.10   Sound absorption = 0.25   Sound absorption = 0.25   Sound absorption = 0.25   Sound absorption = 0.26   Sound absorption = 0.26   Sound absorption = 0.26   Sound absorption = 0.27	$\overline{}$	Acoustic	EN-ISO 717-2						Impact sound
Creating Better Environments  Renewable electricity  Renewable electricity  Recycled content  Flotex sheet contains up to 20% recycled content by weight. Flotex tile / plank contains up to 52% 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.  SKA  Flotex meets SKA Rating criteria for M12 for soft floor coverings in office, retail and higher education schemes.  ICA  LCA  LCA is the foundation for securing the lowest environmental impact.  EN 14041  EN 1404			ISO 354	Sound absorption = 0.10	Sound absorption = 0.25	Sound absorption = 0.1			
Environments  Renewable electricity  Recycled content  Flotex sheet contains up to 20% recycled content by weight. Flotex tile / plank contains up to 52% 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.  SKA  Flotex meets SKA Rating criteria for M12 for soft floor coverings in office, retail and higher education schemes.  LCA  LCA Isomorphism of EN 14041  EN		Water impermeability	EN 1307 annex G	Pass	Pass	Pass	Pass	Pass	Pass
Recycled content  Flotex sheet contains up to 20% recycled content by weight. Flotex tile / plank contains up to 52% recycled content by weight.  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.  SKA  Flotex meets SKA Rating criteria for M12 for soft floor coverings in office, retail and higher education schemes.  LCA  LCA  LCA is the foundation for securing the lowest environmental impact.  EN 14041  EN 14									
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.  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.  EN 14041  EN 14	1	Renewable electricity	Flotex is manufactured using 100% electricity made from renewable sources.						
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.  EN 14041	Ċ	Recycled content	Flotex sheet contains up to 20% recycled content by weight. Flotex tile / plank contains up to 52% recycled content by weight.						
LCA LCA is the foundation for securing the lowest environmental impact.    CA   SEN 14041   CEN 14041   EN 14041   EN 14041   EN 14041   EN 14041   EN 14041   EN 14041   CEN	*	Indoor air quality							
Flotex meets the requirements of EN 14041 $\begin{bmatrix} EN 14041 \\ C \in \\ EN 14041 \\ EN$		SKA	Flotex meets SKA Rating criteria for M12 for soft floor coverings in office, retail and higher education schemes.						
Flotex meets the requirements of EN 14041 1200101-DOP-512 1200201-DOP-306 1200201-DOP-306 1200202-DOP-811 1200101-DOP-512	LCA	LCA	LCA is the foundation for securing the lowest environmental impact.						
Slip resistance EN 13893 $\mu \ge 0.30$ $\mu \ge 0.$		Flotex meets the require	ements of EN 14041	C€	C€	C€	C€	C€	C€
Body voltage         ISO 6356         < 2kV	TAY Bo-81	Reaction to fire		B <sub>ff</sub> -s1	B <sub>ff</sub> -s1	B <sub>n</sub> -s1	B <sub>n</sub> -s1	B <sub>n</sub> -s1	B <sub>ff</sub> -s1
Thermal resistance ISO 8302 0.048 m²K/W 0.037 m²K/W 0.037 m²K/W 0.037 m²K/W 0.040 m²K/W 0.048 m²K/W 0.		Slip resistance	EN 13893	μ≥ 0.30	µ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ≥ 0.30
Indoor air emission EN 16516 < 0,2 mg/ m³ Content of specific EN 14041 Compliant Compliant Compliant Compliant Compliant Compliant	<b>7</b>	Body voltage	ISO 6356	< 2kV					
Content of specific FN 14041 Compliant Compliant Compliant Compliant Compliant Compliant		Thermal resistance	ISO 8302	0.048 m <sup>2</sup> K/W	0.037 m <sup>2</sup> K/W	0.037 m <sup>2</sup> K/W	0.037 m <sup>2</sup> K/W	0.040 m <sup>2</sup> K/W	0.048 m <sup>2</sup> K/W
		Indoor air emission	EN 16516	< 0,2 mg/ m³	< 0,2 mg/ m <sup>3</sup>				
			EN 14041	Compliant	Compliant	Compliant	Compliant	Compliant	Compliant

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.



