

Technical specifications

Needlefelt meets the requirements of EN1307

		Forte	Markant	Akzent	Markant Graphic	Forte Tile	
	Total thickness	ISO 1765	6.5 mm	5.5 mm	5.0 mm	5.5 mm	6.2 mm
	Wear layer thickness	ISO 1766	3.3 mm	2.3 mm	2.0 mm	2.3 mm	2.3 mm
	Total weight	ISO 8543	1500 g/m ²	1200 g/m ²	1000 g/m ²	1200 g/m ²	1350 g/m ²
	Collection size		25 colours	16 colours	13 colours	4 colours	12 colours
	Packaging per carton tiles		-	-	-	-	16 (4m ²)
	Commercial use	EN ISO 10874	Class 33	Class 33	Class 33	Class 33	Class 33
	Pile composition		100% polyamide	100% polyamide	80% PA / 20% PP	100% polyamide	100% polyamide
	Pile weight		750 g/m ²	600 g/m ²	500 g/m ²	600 g/m ²	400g/m ²
	Backing		100% recycled polyester	100% recycled polyester	100% recycled polyester	100% recycled polyester	100% recycled polyester
	Roll width		200 cm	200 cm	200 cm	200 cm	-
	Roll length		± 30 m	± 30 m	± 30 m	± 30 m	-
	Dimensions	EN 994	-	-	-	-	50 cm x 50 cm
	Impact noise reduction	EN ISO 717-2	22 dB	21 dB	20 dB	21 dB	22 dB
	Sound absorption	ISO 354	aw = 0,20 (H)	aw = 0,20 (H)	aw = 0,20 (H)	aw = 0,20 (H)	aw = 0,20 (H)
	Castor chair continuous use	ISO 4918	r ≥ 2,4	r ≥ 2,4	r ≥ 2,4	r ≥ 2,4	r ≥ 2,4
	Colour fastness to light	ISO 105-B02	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
	Colour fastness to water	ISO 105/E01	> 3-4	> 3-4	> 3-4	> 3-4	> 3-4
	Colour fastness to rubbing wet	ISO 105-X12	> 3	> 3	> 3	> 3	>3
	Colour fastness to rubbing dry	ISO 105-X12	> 3-4	> 3-4	> 3-4	> 3-4	>3-4
	Electrical resistance to earth	ISO 10965	≤ 10 ⁷ Ω	≤ 10 ⁷ Ω	-	-	-
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0,1 mg/m ³	≤ 0,1 mg/m ³	≤ 0,1 mg/m ³	≤ 0,1 mg/m ³	≤ 0,1 mg/m ³
	Recycled content		46%	50%	50%	50%	63%
	Prodis GUT	www.pro-dis.info	4EE0AF7C	07F1DF88	F742BC5B		
	Installation method		↑↑	↑↑	↑↑	↑↓	monolithic

Meets the requirements of

		EN 14041:2004	0300720-DoP-010	0300236-DoP-306	0300227-DoP-306	0300572-DoP-306	0300720-DoP-010
	Product code	EN 14041:2004	0300720-DoP-010	0300236-DoP-306	0300227-DoP-306	0300572-DoP-306	0300720-DoP-010
	Reaction to fire	EN 13501-1	B _n -s1, G, NCS 	B _n -s1, G, NCS 	C _n -s1, G, NCS 	B _n -s1, G, NCS 	B _n -s1, G, NCS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30	μ ≥ 0.30
	Thermal conductivity	EN 12524	0.06 W/mK	0.06 W/mK	0.06 W/mK	0.06 W/mK	0.06 W/mK
	Body voltage	ISO 6356	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV	≤ 2.0 kV

All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing operations have certified Environmental Management Systems 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.

