
















Technical specifications Needlefelt

All Needlefelt products meet the requirements of EN 14041

		Forte / Forte Graphic	Markant / Markant Graphic	Akzent
 Total thickness	ISO 1765	ca. 6,5 mm	ca. 5,5 mm	ca. 5,0 mm
 Application	EN 1470	class 33	class 33	class 33
 Roll length		ca. 30 m	ca. 30 m	ca. 30 m
 Roll width		200 cm	200 cm	200 cm
Fibre composition of the wear layer		100% PA	100% PA	80% PA / 20% PP
Backing		100% recycled PES	100% recycled PES	100% recycled PES
Construction		fully impregnated	fully impregnated	fully impregnated
 Fibre weight of the wear layer		ca. 750 g/m ²	ca. 600 g/m ²	ca. 500 g/m ²
 Total weight	ISO 8543	ca. 1,5 Kg/m ²	ca. 1,2 Kg/m ²	ca. 1,0 Kg/m ²
 Antistatic properties	ISO 10965	≤ 10 ⁷ Ω	≤ 10 ⁷ Ω	≤ 10 ⁷ Ω
 Impact sound reduction	ISO 140-8	22 dB	21 dB	20 dB
 Sound absorption	EN ISO 354	α _w = 0,20 (H)	α _w = 0,20 (H)	α _w = 0,20 (H)
 Suitability for castor chairs	EN 985	Yes	Yes	Yes
 Light fastness	ISO 105/B02	> 6	> 6	> 6
Water fastness	ISO 105/E01	> 3-4	> 3-4	> 3-4
Rubbing fastness wet	ISO 105-X12	> 3	> 3	> 3
Rubbing fastness dry	ISO 105-X12	> 3-4	> 3-4	> 3-4

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 Reaction to fire	EN 13501-1	B _{f1} s1	B _{f1} s1	B _{f1} s1
 Slip resistance	EN 13893	DS ≥ 0.30	DS ≥ 0.30	DS ≥ 0.30
 Personal charging	ISO 6356	≤ 2 kV	≤ 2 kV	≤ 2 kV
 Heat transmission resistance	ISO 8302	0,07 m ² K/W	0,06 m ² K/W	0,05 m ² K/W

