

Merlin BT

Manufacturing process	Needlefelt	ISO 2424
Surface aspect	Flat	ISO 2424
Width	50*50 cm	
Backing	BT	ISO 2424
Fibre composition	100% PP	
Total fibre weight of use surface	500 gr/m ²	
Total weight	3500 gr/m ²	+/- 15% ISO 8543
Total height	5,5 mm	+15% / -10% ISO 1765
Overall use class	Commercial 33, Areas with heavy use	EN ISO 10874
Luxury class	LC1	EN 1307
Castor chair suitability	Yes, permanent use	EN 985
Stair suitability	No	EN 1307
Colour fastness to light	≥ 5	ISO 105-B02
Colour fastness to rubbing, wet and dry	≥ 4	ISO 105-X12
Colour fastness to water	≥ 4	ISO 105-E01
Colour fastness to soiling	≥ 3	EN 1269
Dimensional stability	1	
Electrostatic charging	< 2 kV	ISO 6356
Vertical resistance	Ω	ISO 10965
Horizontal resistance	Ω	ISO 10965
Impact sound protection ΔLW	21 dB	ISO 10140
Acoustical sound absorption αS	125 Hz 0.00 αW	250 Hz 0.02 αW
	500 Hz 0.06 αW	1000 Hz 0.13 αW
	2000 Hz 0.31 αW	4000 Hz 0.33 αW
ISO 354		
Evaluated sound absorptions grade αW	0.15	ISO 11654
Thermal resistance	0.064 m ² K/W (0.64 TOG)	ISO 8302
Slip resistance	DS (> 0,30)	EN 13893
Flammability	Bfl,s1	EN 13501-1
Prodis-ID (GuT)	5CC6DDA9	www.pro-dis.info
TÜV PROFICERT product	Certificate number: 70-710-5617-5	

Floorsymbols



Certificates



ISO 9001:2015-certified processes
 ISO 14001:2015-certified processes

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