

PRODUCT DESCRIPTION according to EN 1307

Version: 31.03.2015



Product name

Join by Marcel Wanders



Manufacturing process	DIN ISO 2424	tufted
Measures	ISO 3018	rolls, approx. 400 cm width
Surface	DIN ISO 2424	loop pile/cut pile - CL+ technic
Coloration	DIN ISO 2424	patterned
Pile material	Dir.71/307/CEE mod.	Aquafil Econyl - 100% recycled polyamide
Primary backing	DIN ISO 2424	PET - 100% recycled
Backing	DIN ISO 2424	textile backing
Total weight	ISO 8543	approx. 1970 g/m ²
Total height	ISO 1765	approx. 6.0 mm
Pile weight above backing	ISO 8543	approx. 560 g/m ²
Pile weight	DIN ISO 2424	approx. 850 g/m ²
Pile height	ISO 1766	approx. 3.6 mm
Pile density	ISO 8543	approx. 0.16 g/cm ³
Number of tufts	ISO 1763	approx. 365000 /m ²

Functional properties

Wear classification	EN 1307	commercial - heavy (33)
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Physical properties

Horizontal resistance	ISO 10965	≤ 10 ⁹ Ohm														
Earthing properties (Fitted conductible or as from a fitted area ≥ 6 m ²)	DIN IEC 1340-4-1	≤ 10 ⁹ Ohm														
Impact sound insulation ΔL _W	ISO 10140	approx. 23 dB														
Noise absorption	ISO 354	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td>Hz</td> <td>125</td> <td>250</td> <td>500</td> <td>1000</td> <td>2000</td> <td>4000</td> </tr> <tr> <td>α_s</td> <td>0.00</td> <td>0.02</td> <td>0.07</td> <td>0.16</td> <td>0.33</td> <td>0.59</td> </tr> </table> α _w = 0.15	Hz	125	250	500	1000	2000	4000	α _s	0.00	0.02	0.07	0.16	0.33	0.59
Hz	125	250	500	1000	2000	4000										
α _s	0.00	0.02	0.07	0.16	0.33	0.59										

Burning classification	DIN EN 13501-1	Cfl-s1 - glued or unglued Bfl-s1 - glued with Uzin UZ57 or Wulff Multicoll
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Resistance to heat reduction	ISO 8302	≤ 0.17 m ² K/W
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Environmental & Sustainability

	DIBt / AgBB Schema	AbZ: Z-156.601-220
	GUT / PRODIS	Reg-Nr.: B13EAAC6
	EPD	EPD-GUT-2009211 / ISO 14025
	Green Label Plus	LEED v3: 100127-01 Berkeley analytical, Richmond / LEED v4: GUT, Aachen
Light fastness	ISO 105 B02	≥ 5
Water fastness	ISO 105 E01	≥ 4
Resistance to abrasion dry/wet	ISO 105 X12	≥ 3-4



Installation instruction No.: 3

Cleaning instruction No.: 03



We reserve the right to make technical changes while maintaining the service properties of the carpet.