

OBJECT CARPET

Typical characteristics EN 1307

Name of article:	Geo 1000 - BlackThermo®filz
Method of production ISO 2424:	tufted
Width ISO 3018:	ca. 400 cm
Surface structure ISO 2424:	cut
Colourways ISO 2424:	bicolour printed Pattern Repeat: L 5,0 cm B 5,0 cm
Pile material:	100% Polyamid Antron® Brilliance®
Primary backing ISO 2424:	PES
Secondary backing ISO 2424:	conductive latexation, PES comfort felt
Overall weight ISO 8543:	ca. 2.750 g/m ²
Overall thickness ISO 1765:	ca. 10,0 mm
Mass of effective pile ISO 8543:	ca. 725 g/m ²
Pile service weight:	ca. 1.000 g/m ²
Effective pile thickness ISO 1766:	ca. 5,0 mm
Pile density ISO 8543:	ca. 0,145 g/cm ³
Stitch rate ISO 1763:	ca. 197.500/ m ²

Application

Wearability:	33
Comfort class:	LC 4

Physical features as to the building

Electrostatic loading:	< 2 KV														
Surface resistivity:	10 ⁹ Ω														
Sound absorption:	+ 31 dB														
Acoustical absorption α_w	0.35														
Sound absorption α_s	<table><thead><tr><th>Hz</th><th>125</th><th>250</th><th>500</th><th>1000</th><th>2000</th><th>4000</th></tr></thead><tbody><tr><td>α_s</td><td>0,01</td><td>0,05</td><td>0,27</td><td>0,28</td><td>0,36</td><td>0,46</td></tr></tbody></table>	Hz	125	250	500	1000	2000	4000	α_s	0,01	0,05	0,27	0,28	0,36	0,46
Hz	125	250	500	1000	2000	4000									
α_s	0,01	0,05	0,27	0,28	0,36	0,46									
Transparency to heat:	ca. 0,11 K*m ² /W														
Flammability EN 13 501 – 1:	Cfl- s1 (alt B1)														

Ecological characteristics

DIBt-AgBB Schema	AbZ.: Z-156.601-26
Conformity certificate	1658-CPD-1219
PRODIS / GUT - ID	Lizenz-Nr.: 7987FAD9
EPD (Environmental Product Declaration)	EPD-GUT-2009311-D

Fastness

Light fastness	≥ 5
Water fastness	≥ 4
Friction fastness	≥ 3-4

01/2012 Subject to production technical changes

