

DirectTex® Soundscape

Field of application

Acoustic

Specifications

	599285 139
	100 % polyester knit fabrics PVC-free, recyclable
	ca. 320/ 505 cm ca. 126/ 199 inch other widths available on request
	B-s1, d0 DIN EN 13501-1 Class A ASTM E84-23
	ca. 260 g/m ² ca. 7.7 oz/yd ²
	ca. 0.5 mm ca. 500 µm
	rolls 50 m 55 yd
	200Pa: 143.2 l / (m ² s) DIN EN ISO 9237
	blank: 15.1 % DIN EN 410
	blank: 6 DIN EN ISO 105-B02
	warp: 1.8 % weft: 0.7 % DIN EN 14704-1
	strength - warp: 287.6 N weft: 2242.7 N elongation - warp: 62.7 % weft: 39.6 % DIN EN ISO 13934-1
	cold, ultrasonic cut
	total footprint: 1,150 kg CO ₂ eq./m ² determination accuracy: 85%

Printing methods

print	UV	Latex	Dyesub
Inside	•		•
Outside			

Article shrinkage (50 sec hold up time)

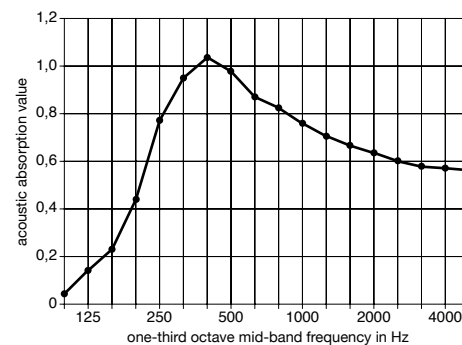
	shrinkage in cross direction	shrinkage in longitudinal direction	recommended fixing temperature
180°C	0,4 %	0,7 %	•
190°C	0,6 %	1,2 %	
200°C	0,8 %	1,4 %	
210°C	1,3 %	2,0 %	

Certifications



Acoustic absorption value α_w /class*: 0.70/ C

Type of assembly E-50 according to DIN EN ISO 354. Textile in front of total 50 mm, included 40 mm ISOVER SSP 2 and 10 mm airspace.



Noise Reduction Coefficient (NRC) according to ASTM C423, Type G-75: 0.45

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