





















Technical specifications

Struktur 1 carpet tiles meet the requirements of EN 1307

Description	Microtuft carpet tile	
 Tile size	EN 994	50 cm x 50 cm
 Total thickness	ISO 1765	5.1 mm
Pile height	ISO 1766	1.00 mm
Packaging per carton tiles	20 (5 m ²)	
 Commercial use	EN ISO 10874	Class 33
Pile composition	100% polyamide 6	
Dye method	100% solution dyed	
Stitch density	ISO 1763	126,080 per m ²
 Pile weight	ISO 8543	350 g/m ²
Total weight	ISO 8543	3,765 g/m ²
Primary backing	Polyester	
Secondary backing	ProBac™ modified bitumen and polyester fleece. Contains over 76% recycled content	
 Castor chair continuous use	ISO 4918	r ≥ 2.4
 Colour fastness to light	EN ISO 105-B02	≥ 6
 Dimensional stability	EN 986	≤ 0.2%
 Acoustical impact noise reduction	ISO 717-2	17 dB
 Acoustical sound absorption	ISO 354	aw = 0.15 (H)
 Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m ³
 Creating Better Environments		
 Renewable Energy	All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
 Recycled Content	Struktur 1 carpet tiles contain 65% recycled content by weight	
 Indoor Air Quality	Struktur 1 carpet tiles products comply to 01350 Indoor Air Quality Standard	
 Installation method	Quarter turn/brick ashlar (Monolithic installation is at the discretion of the user, but non-visible joins are not guaranteed)	

Struktur 1 carpet tiles meet the requirements of EN 14041:2004

 Product code	EN 14041:2004	1170100-DOP-109
 Reaction to fire	AS ISO 9239.1	CRF: 3.6kW/m ² / smoke development: 65%.min
 Slip resistance	AS 4586-2013	R12
 Body voltage	ISO 6356	≤ 2.0 kV
 Thermal conductivity	EN 12524	0.06 W/mK

Recommended adhesives: For the latest installation instructions and recommended adhesives please visit www.forbo-flooring.com.au/installation

All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing plants have certified Environmental Management Systems in accordance with ISO 14001.


Tessera Struktur 1 is manufactured in a facility certified to SA8000® and ISO 45001.



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