





















Technical specifications

Tessera Struktur 1 meets 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 3765 g/m ²
	Primary backing	Polyester
	Secondary backing	ProBac™ modified bitumen and polyester fleece. Contains over 76% recycled content
	Alternative available secondary backing	Not available
	Acoustical impact noise reduction	ISO 717-2 17 dB
	Acoustical sound absorption	ISO 354 α _w = 0.15 (H)
	Castor chair continuous use	ISO 4918 r ≥ 2.4
	Colour fastness to light	EN ISO 105-B02 ≥ 6
	Dimensional stability	EN 986 ≤ 0.2%
	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
	Prodis-GUT	www.pro-dis.info CBEA6AEE
	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/NZS 4586-2013 R12
	Body voltage	ISO 6356 ≤ 2.0 kV
	Thermal conductivity	EN 12524 0.06 W/mK

All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001.

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

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPDs) which can be found on all of our websites.



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