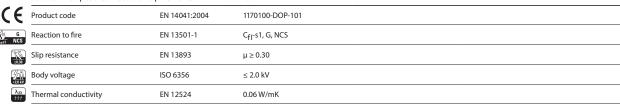
Technical specifications

Tessera Struktur 1 meets the requirements of EN 1307

	Description		Microtuft carpet tile
$\widehat{\hspace{1cm}}$	Tile size	EN 994	50 cm x 50 cm
^	Total thickness	ISO 1765	5.1 mm ± 10%
	Pile height	ISO 1766	1.00 mm ±15% -10%
	Collection size		18
	Packaging per carton tiles		20 (5 m² per box)
##-# <u>#</u>	Commercial use	EN ISO 10874	Class 33, Suitable for any type of heavy contract application
	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/m² ± 10%
	Total weight	ISO 8543	3765 g/m ²
	Primary backing		Polyester
	Secondary backing		ProBac™ modified bitumen and polyester fleece. Contains over 76% recycled content
	Acoustical impact noise reduction	ISO 717-2	17 dB
(a))	Acoustical sound absorption	ISO 354	αw = 0.15 (H)
	Castor chair continuous use	ISO 4918	r ≥ 2.4 continuous use
R	Colour fastness to light	EN ISO 105-B02	≥6
K N K N	Dimensional stability	EN 986	≤0.2%
	Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m³
	Creating Better Environments		
イ	Renewable Energy		All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)
O	Recycled Content		Struktur 1 carpet tiles contain 65% recycled content by weight
7	Indoor Air Quality		Struktur 1 carpet tiles comply to 01350 Indoor Air Quality Standard
BACK TO THE FLOOR	Back to the Floor		Installation off cuts can be collected via Back to the Floor
	Ska Rating		Struktur 1 meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes
\bigoplus	Installation method		Quarter turn (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



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 operations have certified Environmental Management Systems in accordance with ISO 14001.
The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPD's) which can be found on all of our websites.



