























# Technical specifications

## tessera® struktur 2 Linear

Tessera carpet tiles meet the requirements of EN 1307

Description	Microtuft carpet tile	
 Dimensions	EN 994	50cm x 50cm
 Total thickness	ISO 1765	5.1mm
Pile height	ISO 1766	1.0mm
 Collection size	6 colourways, 5m <sup>2</sup> per box	
 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 <sup>2</sup>
 Pile weight	ISO 8543	350 gsm
Total weight	ISO 8543	3,765 gsm
Primary backing	Polyester	
 Secondary backing	ProBac™: modified bitumen and polyester fleece. Contains over 76% recycled content	
 Acoustic	ISO 717-2	Impact sound $\Delta L_w = 17$ dB
	ISO 354	Sound absorption = 0.15 (H)
 Castor chair use	ISO 4918	$r \geq 2.4$ continuous use
 Light fastness	EN ISO 105-B02	$\geq 6$
 Dimensional stability	EN 986	$\leq 0.2\%$
 Indoor air emissions: TVOC after 28 days	EN 16516	$\leq 0.1$ mg/m <sup>3</sup>
 Creating Better Environments		
 Renewable Energy	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
 Recycled Content	Struktur 2 Linear carpet tiles contain 65% recycled content by weight	
 Indoor air quality	Struktur 2 Linear carpet tiles products comply to 01350 Indoor Air Quality Standard	
 Back to the Floor	Installation off cuts can be collected via Back to the Floor	
Ska rating	Struktur 2 Linear meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
 Installation method	Monolithic, quarter turn, half drop or brick	

Struktur 2 Linear carpet tiles meet the requirements of EN 14041:2004

 Product code	BS EN 14041:2004	1170102-DOP-GB111
 Reaction to fire	EN 13501-1	C <sub>fl</sub> -s1, G, NCS
 Slip resistance	EN 13893	$\mu \geq 0.30$
 Body voltage	ISO 6356	$\leq 2.0$ kV
 Thermal conductivity	EN 12524	0.06 W/mk

**Recommended adhesives:** For the latest installation instructions and recommended adhesives please visit [www.forbo-flooring.co.uk/installation](http://www.forbo-flooring.co.uk/installation)

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 (EPD's) which can be found on all of our websites.

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



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