

Technical specifications

Tessera Struktur 2 Linear and Struktur 1 meet the requirements of EN 1307

		Struktur 2 Linear	Struktur 1
	Description	Microtuft carpet tile	Microtuft carpet tile
	Dimensions	EN 994 50cm x 50cm	50cm x 50cm
	Total thickness	ISO 1765 5.1mm	5.1mm
	Pile height	ISO 1766 1.0mm	1.0mm
	Collection size	6	6 (18 in full collection)
	Packaging per carton tiles	20 (5m ²)	20 (5m ²)
	Commercial use	EN ISO 10874 Class 33	Class 33
	Pile composition	100% polyamide 6	100% polyamide 6
	Dye method	100% solution dyed	100% solution dyed
	Stitch density	ISO 1763 126,080 per m ²	126,080 per m ²
	Pile weight	ISO 8543 350 g/m ²	350 g/m ²
	Total weight	ISO 8543 3765 g/m ²	3765 g/m ²
	Primary backing	Polyester	Polyester
	Secondary backing	ProBac™: modified bitumen and polyester fleece. Contains over 76% recycled content	
	Acoustical impact noise reduction	ISO 717-2 17 dB	17 dB
	Acoustical sound absorption	ISO 354 aw = 0.15 (H)	aw = 0.15 (H)
	Castor chair use	ISO 4918 r ≥ 2.4	r ≥ 2.4
	Light fastness	EN ISO 105-B02 ≥ 6	≥ 6
	Dimensional stability	EN 986 ≤ 0.2%	≤ 0.2%
	Indoor air emissions: TVOC after 28 days	EN 16516 ≤ 0.1 mg/m ³	≤ 0.1 mg/m ³
	Creating Better Environments		
	Renewable Energy	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
	Recycled Content	Struktur 2 Linear and Struktur 1 carpet tiles contain 65% recycled content by weight	
	Indoor air quality	Struktur 2 Linear and Struktur 1 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 and Struktur 1 meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
	Installation method	Quarter turn (Monolithic installation is at the discretion of the user, but non-visible joins are not guaranteed)	

Struktur 2 Linear and Struktur 1 carpet tiles meet the requirements of EN 14041:2004

	Product code	EN 14041	1170100-DoP-109	1170100-DoP-109
	Product code	BS EN 14041:2004	1170100-DoP-GB109	1170100-DoP-GB109
	Reaction to fire	EN 13501-1	B _{fl} -s1, G, NCS	B _{fl} -s1, G, NCS
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
	Body voltage	ISO 6356	≤ 2.0 kV	≤ 2.0 kV
	Thermal conductivity	EN 12524	0.06 W/mk	0.06 W/mk

Recommended adhesives: For the latest installation instructions and recommended adhesives please visit 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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For more information:

e: info.flooring.uk@forbo.com

t: **0800 0282 162**

w: forbo-flooring.co.uk/struktur2linear



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