

























Technical specifications

Tessera carpet tiles meet the requirements of EN 1307

tessera® twine⁺

Description	Tufted multi-pile height loop carpet tile	
 Tile size	EN ISO 24342:2018	50 cm x 50 cm
 Total thickness	ISO 1765	6.4 mm
Pile height	ISO 1766	3.4 mm
 Collection size	12 colourways	
Packaging per carton of tiles	16 (4 m ²)	
 Commercial use	EN ISO 10874	Class 33
Pile composition	Thrive® matter by Universal Fibers®. 100% solution dyed nylon 6 with 90% recycled content	
Dye method	100% solution dyed	
Stitch density	ISO 1763	212,544 per m ²
Pile weight	ISO 8543	700 g/m ²
 Total weight	ISO 8543	4240 g/m ²
Primary backing	Polyester	
 Secondary backing	ProBac™ recycled mineral filler with low amount of modified bitumen and polyester fleece	
Alternative available secondary backing	SOFTbac®	
 Acoustical impact noise reduction	ISO 10140-3	27 dB
 Acoustical sound absorption	ISO 354	aw = 0.20 (H)
 Castor chair continuous use	ISO 4918	r ≥ 2.4
 Colour fastness to light	EN ISO 105-B02	≥ 6
 Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m ³
 Dimensional stability	EN 986	≤ 0.2%
 Creating Better Environments		
 Renewable Energy	All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
 Recycled Content	Twine carpet tiles contain 75% recycled content by weight	
 Indoor Air Quality	Twine carpet tiles achieve Indoor Air Comfort Gold 8.0 (2023)	
 Back to the Floor	Installation off cuts can be collected via Back to the Floor	
Ska Rating	Twine carpet tiles meet Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
Prodis-GUT	www.pro-dis.info	FCB96169
 Installation method	Monolithic	

Twine carpet tiles meet the requirements of EN 14041:2004 and BS EN 14041:2004

 Product code	EN 14041:2004	1170100-DOP-109
 Product code	BS EN 14041:2004	1170100-DOP-GB109
 Reaction to fire	EN 13501-1	B _{f1} -s1
 Slip resistance	EN 13893	μ ≥ 0.30
 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.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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