

Technical specifications

tessera® barcode

Barcode carpet tiles meet the requirements of EN 1307

	Description	Tufted low level loop pile carpet tile	
	Dimensions	50cm x 50cm (Other sizes available for special orders)	
	Total thickness	6.0mm ± 10%	
	Pile height	3.0mm ± 0.5mm	
	Collection size	18 colourways, 4m² per box	
	Application	EN 1307	Class 33, Suitable for any type of heavy contract application
	Pile composition	100% Alto chroma polyamide	
	Dye method	100% solution dyed	
	Stitch density	169,420 per m² ± 10%	
	Pile weight	580 gsm ± 10%	
	Total weight	3,895 gsm ± 10%	
	Primary backing	Polyester	
	Secondary backing	Modified bitumen and polyester fleece. Also available in SOFTbac® secondary backing	
	Castor chair use	BS EN 985:2001	Minimum R value: ≥2.4
	Light fastness	BS EN ISO 105 B02	≥5
	Dimensional stability	BS EN 986	≤0.2%
	Creating Better Environments		
	Renewable Electricity	All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources	
	Recycled Content	Barcode contains over 50% recycled content by weight	
	Indoor Air Quality	Barcode meets 01350 Indoor Air Quality standard	
	Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor	
	Ska	Barcode meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes	
	Guarantee	Barcode carpet tiles are guaranteed for 10 years under heavy contract conditions (15 years guaranteed with SOFTbac®) provided that they have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force.	
	Installation method	Brick, quarter turn, tessellated or quarter-brick	

Barcode carpet tiles meet the requirements of EN 14041



	Reaction to fire	EN 13501-1	B _{f1} -s1
	Slip resistance	EN 13893	DS: ≥0.30
	Electrical resistance	BS ISO 10965 & EN1815	<1 x 10 ⁹ Ω: Static dissipative. Body voltage: Pass (< 2kV) Lifetime protection through the use of permanent anti-static yarn and backing

BREEAM ratings

Tessera Barcode – Carpet Tiles (EN1307)

Building Type	Education	Healthcare	Multi Residential	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
Office	A	A+	A	A	A+	✓

Our recommended adhesive for our collection of Tessera carpet tiles is 542 Eurofix Tack plus. Please contact customer services for more information.

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 plants have certified Environmental Management Systems in accordance with ISO 14001.

Barcode carpet tiles are manufactured in a facility certified to SA8000® and OHSAS 18001.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPD's) or local building rating schemes such as BREEAM.

Whilst Forbo Flooring UK Limited does its best to ensure that the contents of this samplebook are correct and accurate at the time of publication, to the fullest extent permitted by law, Forbo Flooring UK Limited makes no, and expressly disclaims all, guarantees of any kind, express or implied in respect of the information, content, materials or products displayed in this samplebook and does not represent that the information is accurate, complete or current and you are advised to visit our website at www.forbo-flooring.co.uk for up-to-date details or corrections to such contents.



www.forbo-flooring.co.uk

