

Technical specifications

tessera® layout & outline

Layout & Outline carpet tiles meet the requirements of EN 1307

Description	Tufted low loop pile carpet tile	
Dimensions	50cm x 50cm (Other sizes available for special orders)	
Total thickness	5.8mm ± 10%	
Pile height	2.9mm ± 0.5mm	
Collection size	Layout 32 colourways, 5m ² per box Outline 8 colourways, 5m ² per box	
Application	EN 1307	Class 33, Suitable for any type of heavy contract application
Pile composition	100% polyamide 6	
Dye method	100% solution dyed	
Stitch density	193,060 per m ² ± 10%	
Pile weight	580 gsm ± 10%	
Total weight	3,895 gsm ± 10%	
Primary backing	Polyester/Nylon	
Secondary backing	Modified bitumen and polyester fleece. Also available in SOFTbac® secondary backing	
Castor chair use	BS EN 985	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	Layout & Outline contains over 50% recycled content by weight	
Indoor Air Quality	Layout & Outline meets 01350 Indoor Air Quality standard	
Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor	
Ska	Layout & Outline meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes	
10 Guarantee	Layout & Outline 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	Layout: Monolithic, brick, tessellated, quarter turn & quarter brick Outline: Brick, tessellated, quarter turn & quarter brick	

Layout & Outline 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 Layout & Outline – 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.

Layout & Outline 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.

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