




















Technical specifications

Layout & Outline carpet tiles and planks meet the requirements of EN 1307

		Layout & Outline tiles	Layout & Outline planks
Description		Tufted low loop pile carpet tiles	Tufted low loop pile carpet tile planks
 Dimensions		50cm x 50cm	100cm x 25cm
 Total thickness		5.8mm ± 10%	5.8mm ± 10%
 Pile height		2.9mm ± 0.5mm	2.9mm ± 0.5mm
 Collection size		Layout tiles 32 colourways. 5m ² per box Outline tiles 8 colourways. 5m ² per box	Layout planks 14 colourways. 4.5m ² per box Outline planks 4 colourways. 4.5m ² per box
 Application	EN 1307	Class 33, Suitable for any type of heavy contract application	Class 33, Suitable for any type of heavy contract application
Pile composition		100% polyamide 6	100% polyamide 6
Dye method		100% solution dyed	100% solution dyed
Stitch density		193,060 per m ² ± 10%	193,060 per m ² ± 10%
 Pile weight		580gsm ± 10%	580gsm ± 10%
Total weight		3,895gsm ± 10%	3,895gsm ± 10%
Primary backing		Polyester	Polyester
 Secondary backing		ProBac recycled mineral filler with low amount of modified bitumen, and polyester fleece. Contains over 76% recycled content. Also available in SOFTbac® secondary backing (tiles only)	
 Castor chair use	EN 985	Minimum R Value: ≥ 2.4	Minimum R Value: ≥ 2.4
 Light fastness	EN ISO 105-B02	≥ 6	≥ 6
 Dimensional stability	EN 986	≤ 0.2 %	≤ 0.2 %
 Impact sound reduction	ISO 10140-3	ΔL _w = 27 dB	ΔL _w = 27 dB
 Creating Better Environments			
	Renewable Energy	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
	Recycled Content	Layout & Outline carpet tiles and planks contain 63% recycled content by weight	
 Indoor Air Quality		Layout & Outline carpet tiles and planks comply to 01350 Indoor Air Quality Standard	
Ska Rating		Layout & Outline meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
 Guarantee		Layout & Outline carpet tiles and planks are guaranteed for 10 years under heavy contract conditions (15 years guaranteed with SOFTbac® - tiles only) 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, quarter turn, tessellated, or brick Outline: Quarter turn, tessellated, brick or quarter brick	Layout planks: Monolithic, brick, half-drop, weave or herringbone Outline planks: Brick, half-drop, weave or herringbone
Layout & Outline carpet tiles and planks meet the requirements of EN 14041			
 Product code	EN 14041	1170100-DOP-306 / 1170200-DOP-306	1170100-DOP-306
 Reaction to fire	EN 13501-1	B _{f1} -s1, L, NCS	B _{f1} -s1, L, NCS
 Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
 Body voltage	ISO 6356	< 2 kV	< 2 kV



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. Tessera Layout & Outline tiles and planks 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.

Colourway choice

As with any product, colour and design influence the appearance retention of the floor. The level and type of traffic should be considered as part of the process for selecting colourways. Light colours may not be suitable for heavy traffic areas.

Installation and maintenance

Shades may vary from batch to batch and should be checked before installation. Batches should not be mixed in the same location. All Tessera products are to be installed in full accordance with Forbo installation instructions and recognised trade standards.

A well designed entrance flooring system will prevent dirt and moisture from being tracked into the building, prolonging the life of the carpet tiles, reducing cleaning, repair and overall maintenance costs. Forbo Coral and Nuway entrance systems are independently proven to remove and retain up to 95% of all dirt and moisture entering a building. Please contact customer services for more information.

Regular vacuuming is essential (using a high suction power driven brush vacuum). Spills and surface stains can be removed by sponging with a damp cloth or, for more resistant stains, with a mild detergent solution. For full installation and cleaning and maintenance instructions please go to our website.

BREEAM ratings

Tessera - Layout & Outline - Carpet Tiles and Planks (EN1307)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
A	A	A+	A	A	A+