

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	<p>Renewable Energy: All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)</p> <p>Recycled Content: Layout & Outline carpet tiles and planks contain 63% recycled content by weight</p>		
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		
10 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			
CE Product code	EN 14041	1170100-DOP-306 / 1170200-DOP-306	1170100-DOP-306
Reaction to fire	ISO 9239.1	CRF: >2.2 kW/m ² / Smoke development: <750%.min	CRF: >2.2 kW/m ² / Smoke development: <750%.min
Slip resistance	AS 4586	R12	R12
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 Inline & Layout carpet tiles are manufactured in a facility certified to SA8000® and ISO 45001. 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.

For more information:

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