





















# Technical specifications

Inline carpet tiles meet the requirements of EN 1307

		Tessera Inline	Tessera Layout
Description		Tufted multi-height loop pile carpet tile	Tufted low level loop pile carpet tile
 Tile size	EN 994	50 cm x 50 cm	50 cm x 50 cm
 Total thickness	ISO 1765	6.5 mm	5.8 mm
Pile height	ISO 1766	3.9 mm	2.9 mm
 Collection size		10	12 colourways (32 in full collection)
Packaging per carton tiles		16 (4 m <sup>2</sup> )	20 (5 m <sup>2</sup> )
 Commercial use	EN ISO 10874	Class 33	Class 33
Pile composition		100% polyamide 6	100% polyamide 6
Dye method		100% solution dyed	100% solution dyed
Stitch density	ISO 1763	198,374 per m <sup>2</sup>	193,060 per m <sup>2</sup>
 Pile weight	ISO 8543	605 g/m <sup>2</sup>	580 g/m <sup>2</sup>
Total weight	ISO 8543	4120 g/m <sup>2</sup>	3895 g/m <sup>2</sup>
 Primary backing		Polyester	Polyester
Secondary backing		ProBac™: modified bitumen and polyester fleece. Contains over 76% recycled content.	
Alternative available secondary backing		SOFtbac®	SOFtbac®
 Acoustical impact noise reduction	EN ISO 717-2	25 dB	27 dB
 Acoustical sound absorption	ISO 354	$\alpha_w = 0.15$ (H)	$\alpha_w = 0.15$ (H)
 Castor chair continuous use	ISO 4918	$r \geq 2.4$	$r \geq 2.4$
 Colour fastness to light	EN ISO 105-B02	$\geq 5$	$\geq 6$
 Dimensional stability	EN 986	$\leq 0.2$ %	$\leq 0.2$ %
 Indoor air emissions: TVOC after 28 days	EN 16516	$\leq 0.1$ mg/m <sup>3</sup>	$\leq 0.1$ mg/m <sup>3</sup>
 Creating Better Environments	Renewable Electricity Recycled Content	All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources Inline tiles contain 63% recycled content by weight. Layout tiles contain 61% recycled content by weight.	
 Indoor Air Quality		Inline & Layout carpet tiles comply to 01350 Indoor Air Quality Standard	
Ska Rating		Inline & Layout meet Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
Prodis-GUT	www.pro-dis.info	F2BC1C73	2C31F4FE
 Installation method		Monolithic, quarter turn or tessellated	Monolithic, brick, tessellated, quarter turn & quarter brick

Inline carpet tiles meet the requirements of EN 14041:2004


CE  
EN 14041

 Product code	EN 14041:2004	1170100-DoP-101	1170100-DoP-101
 Reaction to fire	ISO 9239.1	CRF: >2.2 kW/m <sup>2</sup> / Smoke: <750%.min	CRF: >2.2 kW/m <sup>2</sup> / Smoke: <750%.min
 Slip resistance	AS 4586	R12	R12
 Body voltage	ISO 6356	$\leq 2.0$ kV	$\leq 2.0$ kV
 Thermal conductivity	EN 12524	0.06 W/mK	0.06 W/mK



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:

 [info.au@forbo.com](mailto:info.au@forbo.com)

 1800 224 471

 [forbo-flooring.com.au/tessera](http://forbo-flooring.com.au/tessera)

 [forbo-flooring.com.au/downloads](http://forbo-flooring.com.au/downloads)

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