

































Technical specifications

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

		Tessera Inline	Layout & Outline planks
Description		Tufted low level loop pile carpet tile	Tufted low level loop pile carpet plank
 Tile size	EN 994	50 cm x 50 cm	100 cm x 25 cm
 Total thickness	ISO 1765	5.8 mm	5.8 mm
 Pile height	ISO 1766	2.9 mm	2.9 mm
 Collection size		Layout 32 – Outline 8	Layout 14 – Outline 4
 Packaging per carton tiles		20 (5 m ²)	18 (4.5 m ²)
 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	193,060 per m ²	193,060 per m ²
 Pile weight	ISO 8543	580 g/m ²	580 g/m ²
 Total weight	ISO 8543	3895 g/m ²	3895 g/m ²
 Primary backing		Polyester	Polyester
 Secondary backing		ProBac™: modified bitumen and polyester fleece. Contains over 76% recycled content	
 Alternative available secondary backing		SOFTbac®	Not available
 Acoustical impact noise reduction	EN ISO 717-2	27 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	≥ 6	≥ 6
 Dimensional stability	EN 986	≤ 0.2 %	≤ 0.2 %
 Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m ³	≤ 0.1 mg/m ³
 Creating Better Environments			
 Renewable Electricity		All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
 Recycled Content		Layout & Outline carpet tiles contain 61% recycled content by weight	
 Indoor Air Quality		Layout & Outline carpet tiles and planks products 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	
 Prodis-GUT	www.pro-dis.info	2C31F4FE	2C31F4FE
 Installation method		Layout: Monolithic, brick, tessellated, quarter turn & quarter brick Outline: Brick, tessellated, quarter turn & quarter brick	Layout: Monolithic, brick, half-drop, weave, herringbone or double herringbone Outline: Brick, half-drop, weave, herringbone or double herringbone
Layout & Outline carpet tiles meet the requirements of EN 14041: 2004			
 CE			
 Reaction to fire	EN 13501-1	B _{f1} -s1, G, NCS	B _{f1} -s1, G, NCS
 Slip resistance	EN 13893	$\mu \geq 0.30$	$\mu \geq 0.30$
 Body voltage	ISO 6356	≤ 2.0 kV	≤ 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.