

Technical specifications

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

		Layout & Outline tiles	Layout & Outline planks
	Description	Tufted low level loop pile carpet tile	Tufted low level loop pile carpet plank
	Tile size	EN ISO 24342 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™: recycled mineral filler with low amount of modified bitumen and polyester fleece	
	Alternative available secondary backing	SOFTbac®	Not available
	Acoustical impact noise reduction	ISO 10140-3 26 dB	26 dB
	Acoustical sound absorption	ISO 354 aw = 0.15 (H)	aw = 0.15 (H)
	Castor chair continuous use	ISO 4918 r ≥ 2.4	r ≥ 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 Energy	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 comply to Indoor Air Comfort Gold 8.0 (2022)	
	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			
	Product code	EN 14041:2004 1170100-DoP-109	1170100-DoP-109
	Reaction to fire	EN 13501-1 B _{fl} <1, G, NCS	B _{fl} <1, G, NCS
	Slip resistance	EN 13893 μ ≥ 0.30	μ ≥ 0.30
	Body voltage	ISO 6356 ≤ 2.0 kV	≤ 2.0 kV
	Thermal conductivity	EN 12665 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 carpet tiles and planks 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).