

Technical specifications

Infused carpet tiles meet the requirements of EN 1307

Description	Tufted multi-pile height loop carpet tile	
 Tile size	EN 994	50 cm x 50 cm
 Total thickness	ISO 1765	6.7 mm
Pile height	ISO 1766	3.6 mm
 Collection size	12	
Packaging per carton tiles	16 (4 m ²)	
 Commercial use	EN ISO 10874	Class 33
Pile composition	100% polyamide 6	
Dye method	100% solution dyed	
Stitch density	ISO 1763	245,606 per m ²
 Pile weight	ISO 8543	720 g/m ²
Total weight	ISO 8543	4260 g/m ²
 Primary backing	Polyester	
Secondary backing	ProBac™ modified bitumen and polyester fleece. Contains over 76% recycled content. Available in SOFTbac® secondary backing.	
 Acoustical impact noise reduction	ISO 10140-3	26 dB
 Acoustical sound absorption	ISO 354	$\alpha_w = 0.15$ (H)
 Castor chair continuous use	ISO 4918	$r \geq 2.4$
 Colour fastness to light	EN ISO 105-B02	≥ 5
 Dimensional stability	EN 986	≤ 0.2 %
 Indoor air emissions: TVOC after 28 days	EN 16516	≤ 0.1 mg/m ³
 Creating Better Environments	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
 Renewable Energy	Infused carpet tiles contain 60% recycled content by weight	
 Recycled Content	Indoor Air Quality	
 Indoor Air Quality	Infused carpet tiles comply to 01350 Indoor Air Quality Standard and achieve Indoor Air Comfort Gold standard	
Ska Rating	Infused meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
 Installation method	Monolithic, quarter turn or non-directional	
Infused carpet tiles meet the requirements of EN 14041:2004		
 CE	EN 14041	
 CE	Product code	EN 14041 1170100-DOP-109
 Reaction to fire	EN 13501-1	B _{f1r} -s1, G, NCS
 Slip resistance	EN 13893	$\mu \geq 0.30$
 Body voltage	ISO 6356	≤ 2.0 kV
 Thermal conductivity	EN 12667	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 Infused 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 (EPDs).