























# Technical specifications

Harmony 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	6.3 mm
Pile height	ISO 1766	3.4 mm
 Collection size	12	
Packaging per carton tiles	16 (4 m <sup>2</sup> )	
 Commercial use	EN ISO 10874	Class 33
Pile composition	100% polyamide 6	
Dye method	100% solution dyed	
Stitch density	ISO 1763	255,052 per m <sup>2</sup>
 Pile weight	ISO 8543	720 g/m <sup>2</sup>
Total weight	ISO 8543	4260 g/m <sup>2</sup>
 Primary backing	Polyester	
Secondary backing	ProBac™ modified bitumen and polyester fleece. Contains over 76% recycled content.	
Alternative available secondary backing	SOFTbac®	
 Acoustical impact noise reduction	ISO 10140-3	25 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	$\geq 5$
 Dimensional stability	EN 986	$\leq 0.2$ %
 Indoor air emissions: TVOC after 28 days	EN 16516	$\leq 0.1$ mg/m <sup>3</sup>
 Creating Better Environments		
 Renewable Energy	All Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
 Recycled Content	Harmony carpet tiles contain 60% recycled content by weight	
 Indoor Air Quality	Harmony carpet tiles comply to Indoor Air Comfort standards	
Ska Rating	Harmony meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
 Installation method	Monaolithic	

Harmony carpet tiles meet the requirements of EN 14041:2004



 Product code	EN 14041	1170104-DoP-210
 Reaction to fire	ISO 9239.1	CRF > 2.2 kW/m <sup>2</sup> , Smoke development < 750% min
 Slip resistance	AS 4586	R12
 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 Harmony 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).

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