

Technical specifications

Barcode carpet tiles meet the requirements of EN 1307

	Description	Low level loop pile carpet tile	
	Dimensions	50cm x 50cm (other sizes available for special orders)	
	Total thickness	6.5mm ± 10%	
	Pile height	3.0mm ± 0.5mm	
	Collection size	18 colourways 4m ² per box	
	Application (Class 33)	EN 1307:2008	Class 33, Suitable for any type of heavy contract application
	Pile composition	100% Alto chroma nylon	
	Dye method	100% solution dyed	
	Stitch density	169,420 per m ² ± 10%	
	Pile weight	580 gsm ± 10%	
	Total weight	3,895 gsm ± 10%	
	Primary backing	Polyester	
	Secondary backing	Modified bitumen and polyester fleece	
	Castor chair use	BS EN 985:2001	Minimum R value: ≥2.4 Overall R value: 3.8
	Light fastness	BS EN ISO 105 B02	≥5
	Dimensional stability	BS EN 986	≤0.2%
	Environmental	Materials used in the construction of Tessera carpet tiles are chosen for their low volatile organic compound (VOC) levels. All Tessera carpet tiles are manufactured using 100% green electricity.	
	Guarantee	Barcode carpet tiles are guaranteed for 10 years under heavy contract conditions provided that they have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force.	
	Installation method	Brick, quarter turn, tessellated or quarter-brick	
Barcode carpet tiles meet the requirements of EN 14041			
	Reaction to fire	EN 13501-1:2002	B _{fl} -s1
	Slip resistance	EN 13893	DS: ≥0.30
	Electrical resistance	BS ISO 10965:1998	<1 x 10 ⁹ Ω: Static dissipative. Body voltage: Pass (< 2kV) Lifetime protection through the use of permanent anti-static yarn and backing