

Technical specifications

tessera® clarity

Clarity carpet tiles meet the requirements of EN 1307

	Description	Fusion bonded cut pile carpet tile	
	Dimensions	50cm x 50cm	
	Total thickness	8.7mm ± 10%	
	Pile height	5.1mm ± 0.5mm	
	Collection size	9 colourways	
	Application	EN 1307	Class 32, Suitable for general commercial applications
	Pile composition	100% polyamide 6.6	
	Dye method	100% hank dyed	
	Tuft density	204,000 per m ² ± 10%	
	Pile weight	712 gsm ± 10%	
	Total weight	2,400 gsm ± 10%	
	Primary backing	100% recycled polyester softback	
	Secondary backing	Modified bitumen and polyester fleece.	
	Castor chair use	BS EN 985:2001	Minimum R value: ≥2.4
	Light fastness	BS EN ISO 105 B02	≥5
	Dimensional stability	BS EN 986	≤0.2%
	Creating Better Environments		
	Renewable Electricity	All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources	
	Recycled Content	Clarity contains 12.5% recycled content by weight	
	Indoor Air Quality	Clarity meets 01350 Indoor Air Quality standard	
	Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor	
	Ska	Clarity meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes	
	Guarantee	Clarity carpet tiles are guaranteed for 7 years under general 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	Monolithic, quarter turn or tessellated	

Clarity carpet tiles meet the requirements of EN 14041

CE
EN 14041

	Reaction to fire	EN 13501-1	C _{fl} -s1
	Slip resistance	EN 13893	DS: ≥ 0.30
	Electrical resistance	BS ISO 10965 & EN1815	<1 x 10 ⁹ Ω: Static dissipative. Body voltage: Pass (< 2kV) Lifetime protection through the use of permanent anti-static yarn and backing

Our recommended adhesive for our collection of Tessera carpet tiles is 542 Eurofix Tack plus. Please contact customer services for more information.

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.

Clarity carpet tiles are manufactured in a facility certified to SA8000® and OHSAS 18001.

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.

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