




















# Technical specifications

Tessera Diffusion carpet tiles meet the requirements of EN 1307

	Description		Tufted multi-height loop pile carpet tile
	Dimensions		50cm x 50cm
	Total thickness		6.6mm ± 10%
	Pile height		3.0mm ± 0.5mm
	Collection size		10 colourways 4m <sup>2</sup> per box
	Application	EN 1307	Class 33, Suitable for any type of heavy contract application
	Pile composition		100% Universal Fibers <sup>SM</sup> Refresh <sup>TM</sup> polyamide 6.6
	Dye method		100% solution dyed
	Stitch density		217,488 per m <sup>2</sup> ± 10%
	Pile weight		570 gsm ± 10%
	Total weight		4,085 gsm ± 10%
	Primary backing		Polyester/Nylon
	Secondary backing		Modified bitumen and polyester fleece. Also available in SOFTbac <sup>®</sup> secondary backing
	Castor chair use	BS EN 985	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		Diffusion contains 66% recycled content by weight
	Indoor Air Quality		Diffusion meets 01350 Indoor Air Quality standard
	Back to the Floor		Installation off cuts can be collected and recycled via Back to the Floor
	Ska		Diffusion meets Ska Rating criteria for MT2 soft floor coverings in office, retail and higher education schemes
	Guarantee		Diffusion carpet tiles are guaranteed for 10 years under heavy contract conditions (15 years guaranteed with SOFTbac <sup>®</sup> ) 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

Diffusion carpet tiles meet the requirements of EN 14041



	Reaction to fire	EN 13501-1	B <sub>fl</sub> -s1
	Slip resistance	EN 13893	DS: ≥0.30
	Electrical resistance	BS ISO 10965 & EN1815	<1 x 10 <sup>9</sup> 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.

Forbo Flooring Systems reserves the right to improve the specification of its products without giving prior notice. Errors and omissions excepted.