


















Technical specifications




Inline carpet tiles meet the requirements of EN 1307

tessera[®] inline

	Description	Tufted multi-height loop pile carpet tile	
	Dimensions	50cm x 50cm	
	Total thickness	6.5mm ± 10%	
	Pile height	3.9mm ± 0.5mm	
	Collection size	10 colourways, 4m² per box	
	Application	EN 1307	Class 33, Suitable for any type of heavy contract application
	Pile composition	100% polyamide 6	
	Dye method	100% solution dyed	
	Stitch density	198,374 per m² ± 10%	
	Pile weight	605 gsm ± 10%	
	Total weight	4,120 gsm ± 10%	
	Primary backing	Polyester/Nylon	
	Secondary backing	Modified bitumen and polyester fleece. Also available in SOFTbac [®] secondary backing	
	Acoustical impact noise reduction	EN ISO 717-2 / ISO 10140-3	25 dB
	Castor chair use	EN 985	Minimum R value: ≥ 2.4
	Light fastness	EN ISO 105 B02	≥ 5
	Dimensional stability	EN 986	≤ 0.2%
	Creating Better Environments		
	Renewable Electricity	All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources	
	Recycled Content	Inline contains over 50% recycled content by weight	
	Indoor Air Quality	Inline meets 01350 Indoor Air Quality standard	
	Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor	
	Ska	Inline meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes	
	Guarantee	Inline carpet tiles are guaranteed for 10 years under heavy contract conditions (15 years guaranteed with SOFTbac [®]) 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	

Inline carpet tiles meet the requirements of EN 14041

CE
EN 14041

	Reaction to fire	EN 13501-1	B _{f1} -s1
	Slip resistance	EN 13893	DS: ≥0.30
	Electrical resistance	EN 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

BREEAM ratings

Tessera Inline – Carpet Tiles (EN1307)

Building Type	Education	Healthcare	Multi Residential	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
Office	A	A	B	A	A+	✓

