






















# Technical specifications

Nexus carpet tiles meet the requirements of EN 1307

	Description		Tufted multi-height loop pile carpet tile
	Dimensions		50cm x 50cm (Other sizes available for special orders)
	Total thickness		6.3mm ± 10%
	Pile height		3.1mm +15% -10%
	Collection size		9 colourways. 4m <sup>2</sup> per box
	Commercial use	EN ISO 10874	Class 33, Suitable for any type of heavy contract application
	Pile composition		100% Invista Antron® Lumena polyamide 6.6
	Dye method		100% solution dyed
	Stitch density		226,714 per m <sup>2</sup> ± 10%
	Pile weight		790gsm ± 10%
	Total weight		4,305gsm ± 10%
	Primary backing		Polyester
	Secondary backing		ProBac recycled mineral filler with low amount of modified bitumen, and polyester fleece. Contains over 76% recycled content. Also available in SOFTbac® secondary backing
	Acoustic	ISO 717-2	Impact sound $\Delta L_w = 25$ dB
		ISO 354	Sound absorption = 0.15
	Castor chair use	ISO 4918	$r \geq 2.4$ continuous use
	Indoor Emissions: TVOC at 28 days	EN 16516	< 0.1 mg/m <sup>3</sup>
	Light fastness	EN ISO 105-B02	$\geq 5$
	Dimensional stability	EN 986	$\leq 0.2$ %
	Creating Better Environments		
	Renewable Energy		All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)
	Recycled Content		Nexus carpet tiles contain 59% recycled content by weight
	Indoor Air Quality		Nexus carpet tiles comply to 01350 Indoor Air Quality Standard
	Back to the Floor		Installation off cuts can be collected via Back to the Floor
	Ska Rating		Nexus meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes
	Prodis-GUT	www.pro-dis.info	CF59A81D
	Installation method		Monolithic

Nexus carpet tiles meet the requirements of EN 14041

	Product code	EN 14041	1170100-DoP-306
	Reaction to fire	EN 13501-1	B <sub>f1-s1</sub> , L, NCS
	Slip resistance	EN 13893	$\mu \geq 0.30$
	Body voltage	ISO 3656	< 2 kV
	Thermal resistance	EN 12667	0.065 m <sup>2</sup> .K/W

## BREEAM ratings

Tessera Nexus - Carpet Tiles (EN1307)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
B	A	A	B	B	A+

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