


















# Technical specifications




tessera® nexus

Nexus carpet tiles meet the requirements of EN 1307

Description		Tufted multi-height loop pile carpet tile
	Dimensions	50cm x 50cm
	Total thickness	6.3mm ± 10%
	Pile height	3.1mm ± 0.5mm
	Collection size	9 colourways, 4m <sup>2</sup> per box
	Application	EN 1307 Class 33, Suitable for any type of heavy contract application
	Pile composition	100% polyamide 6.6
	Dye method	100% solution dyed
	Stitch density	226,714 per m <sup>2</sup> ± 10%
	Pile weight	790 gsm ± 10%
	Total weight	4,305 gsm ± 10%
	Primary backing	Polyester
	Secondary backing	ProBac recycled mineral filler with low amount of modified bitumen and polyester fleece. Contains over 76% recycled content
	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%
	Impact sound reduction	ISO 10140-3 ΔL <sub>w</sub> = 25 dB
	Creating Better Environments	
	Renewable Electricity	All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources
	Recycled Content	Nexus carpet tiles contain 59% recycled content by weight
	Indoor Air Quality	Nexus meets 01350 Indoor Air Quality standard
	Back to the Floor	Installation off cuts can be collected via Back to the Floor
	Ska	Nexus meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes
	Guarantee	Nexus 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	Monolithic

Nexus carpet tiles meet the requirements of EN 14041



	Reaction to fire	EN 13501-1	B <sub>f1</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

## BREEAM ratings

Tessera Nexus – Carpet Tiles (EN1307)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
B	A	A	B	B	A+	✓

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.

Nexus 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.

Whilst Forbo Flooring UK Limited does its best to ensure that the contents of this specification are correct and accurate at the time of publication, to the fullest extent permitted by law, Forbo Flooring UK Limited makes no, and expressly disclaims all, guarantees of any kind, express or implied in respect of the information, content, materials or products displayed in this specification and does not represent that the information is accurate, complete or current.



www.forbo-flooring.co.uk

creating better environments



FLOORING SYSTEMS