Technical specifications

Nexus carpet tiles meet the requirements of EN 1307

tessera® nexus

	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, 4m² per box
Ŵ	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 ² ± 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
6	Castor chair use	BS EN 985:2001	Minimum R value: ≥2.4
R	Light fastness	BS EN ISO 105 B02	≥5
°Г Л И И	Dimensional stability	BS EN 986	≤0.2%
٩	Impact sound reduction	ISO 10140-3	$\Delta L_{W} = 25 \text{ dB}$
Ì	Creating Better Environments		
	Renewable Energy		All Tessera carpet tiles are manufactured using 100% electricity made from renewable source
	Recycled Content		Nexus carpet tiles contain 59% recycled content by weight
$\hat{\boldsymbol{\mathcal{A}}}$	Indoor Air Quality		Nexus meets 01350 Indoor Air Quality standard
	Back to the Floor		Installation off cuts can be collected and recycled 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 1		N 14041
Bu-s1	Reaction to fire	EN 13501-1	B _{fI} -s1, G, NCS
°°€a DS	Slip resistance	EN 13893	μ ≥0.30
	Body voltage	EN 1815	< 2 kV
	Indoor emisssions: TVOC at 28 days	EN 16516	< 0.1 mg/m ³
	C		

Compliant, not actively added

BREEAM ratings

Tessera Nexus is a new product and is currently under assessment for a BREEAM rating.

EN 14041

Colourway choice

Content of specific

dangerous substances

As with any product, colour and design influence the appearance retention of the floor. The level and type of traffic should be considered as part of the process for selecting the Transition colourway.

Installation and maintenance

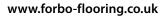
Our recommended adhesive for our collection of Tessera carpet tiles is 542 Eurofix Tack plus. Please contact customer services for more information.

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.

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