

## Technical specifications

Basis carpet tiles meet the requirements of EN 1307

Description		Tufted low loop pile carpet tile
Dimensions		50cm x 50cm (Other sizes available for special orders)
Total thickness		5.7mm ± 10%
Pile height		2.8mm ± 0.5mm
Collection size		48 colourways. 5m <sup>2</sup> per box
Application	EN 1307	Class 33, Suitable for any type of heavy contract application
Pile composition		100% Aquafil polyamide
Dye method		100% space dyed
Stitch density		200,940 per m <sup>2</sup> ± 10%
Pile weight		520gsm ± 10%
Total weight		3,835gsm ± 10%
Primary backing		Polyester/Nylon
Secondary backing		Modified bitumen and polyester fleece. Also available in SOFTbac® secondary backing
Castor chair use	EN 985	Minimum R Value: ≥ 2.4
Light fastness	EN ISO 105-B02	≥ 5
Dimensional stability	EN 986	≤ 0.2 %
Impact sound reduction	ISO 140-8	ΔL <sub>w</sub> 22dB
Noise reduction	ISO 354	Weighted sound absorption coefficient (α <sub>w</sub> ) 0.15

### Creating Better Environments

Renewable Electricity		All Tessera carpet tiles are manufactured using 100% electricity made from renewable sources
Recycled Content		Basis carpet tiles have over 50% recycled content by weight
Indoor Air Quality		Basis carpet tiles products comply to 01350 Indoor Air Quality Standard
Ska Rating		Basis meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes
Guarantee		Basis 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

Basis 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	EN 10965 & EN1815	<1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage: Pass (< 2kV)

### BREEAM ratings Tessera – Basis

Building Type Office	Education	Healthcare	Multi Residential	Retail (Durability)	Retail (Fashion)
A	A	A+	A	A	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 Basis is 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 (EPDs) or local building rating schemes such as BREEAM.