

# Technical specifications

Westbond Nylon, Wool, Wool Deluxe and Natural carpet tiles meet the requirements of EN 1307

**westbond®**

		Nylon	Wool & Wool Deluxe	Natural
	Description	Fusion bonded cut pile carpet tile		
	Dimensions	50cm x 50cm	50cm x 50cm	50cm x 50cm
	Total thickness	8.1mm ± 10%	10 / 15mm ± 10%	9 / 16mm ± 10%
	Pile height	5.0mm ± 0mm/-0.5mm	7.5 / 12mm ± 0mm/-0.5mm	7 / 14mm ± 0mm/-0.5mm
	Collection size	Any colour from 1m <sup>2</sup> 4.5m <sup>2</sup> per box	Any colour from 1m <sup>2</sup> 3.5m <sup>2</sup> / 2.5m <sup>2</sup> per box	13 colourways 4.5m <sup>2</sup> / 2.5m <sup>2</sup> per box
	Application	EN 1307 Class 33, suitable for any type of heavy contract application	Class 32, suitable for general commercial applications	Class 32, suitable for general commercial applications
	Pile composition	100% polyamide	80% British wool / 10% polyamide / 10% polyester	80% Undyed British wool / 10% polyamide / 10% polyester
	Dye method	Hank dyed	Hank dyed	Blended Wool (undyed)
	Pile density	0.149 grams per cm <sup>3</sup>	0.167 / 0.167 grams per cm <sup>3</sup>	0.170 / 0.170 grams per cm <sup>3</sup>
	Tuft density	272,000 per m <sup>2</sup> ± 10%	360,000 / 360,000 per m <sup>2</sup> ± 10%	366,000 / 366,000 per m <sup>2</sup> ± 10%
	Pile weight	950 gsm ± 10%	1500 / 2400 gsm ± 10%	1200 / 2400 gsm ± 10%
	Total weight	4,000 gsm ± 10%	4,500 / 5,400 gsm ± 10%	4,300 / 5,400 gsm ± 10%
	Tile backing	PVC incorporating at least 70% pre-consumer recycled content		
	Castor chair use	EN 985 Minimum R value: ≥2.4	Minimum R value: ≥2.4	Minimum R value: ≥2.4
	Light fastness	EN ISO 105 B02 ≥5	≥4	≥5
	Dimensional stability	EN 986 ≤0.2%	≤0.2%	≤0.2%
	Creating Better Environments			
	Renewable Electricity	Materials used in the construction of Westbond carpet tiles are chosen for their low volatile organic compounds. Westbond carpet tiles are manufactured using 100% electricity made from renewable sources.		
	Recycled Content	All Westbond carpet tiles utilise a mixed vinyl waste backing which contains at least 70% pre-consumer recycled content in order to minimise environmental impact. The process uses existing Forbo technology which accesses PVC waste streams from a number of our factories, and also those of competitors within the flooring industry, thereby decreasing the amount of waste material which would otherwise be sent to landfill.		
	Indoor Air Quality	Westbond meets 01350 Indoor Air Quality standard		
	Back to the Floor	Westbond nylon installation off cuts can be collected and recycled via Back to the Floor		
	Ska	Westbond meets Ska Rating criteria for M12 soft floor coverings in both office and retail schemes		
	Guarantee	Westbond Nylon is guaranteed for 10 years under heavy contract use, Westbond Wool, Wool Deluxe and Natural are guaranteed for 7 years under general contract use provided that the carpet tiles have been professionally fitted by a recognised contractor and regularly maintained in accordance with the Forbo requirements currently in force.		
	Installation method	Broadloom (monolithic), tessellated or quarter turn	Broadloom (monolithic), tessellated or quarter turn	Broadloom (monolithic), tessellated or quarter turn

Westbond fusion bonded carpet tiles meet the requirements of EN 14041

**CE**  
EN 14041

	Reaction to fire	EN 13501-1 B <sub>f1</sub> -s1	C <sub>f1</sub> -s1	C <sub>f1</sub> -s1
	Slip resistance	EN 13893 DS: ≥0.30	DS: ≥0.30	DS: ≥0.30
	Electrical resistance	BS ISO 10965 & EN1815 <1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage: Pass (< 2kV)	<1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage: Pass (< 2kV)	<1 x 10 <sup>9</sup> Ω: Static dissipative. Body voltage: Pass (< 2kV)

Our recommended adhesive for our collection of Westbond 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.

Diffusion 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.

Forbo Flooring Systems reserves the right to improve the specification of its products without giving prior notice. Errors and omissions excepted.



[www.forbo-flooring.co.uk](http://www.forbo-flooring.co.uk)

creating better environments

**Forbo**

FLOORING SYSTEMS