

## Westbond Environmental Data Sheet

<b>Product name</b>	<b>Westbond Natural Wool</b>
Product description	Fusion bonded carpet tile produced with yarn comprising 80% blended undyed British wool. Westbond Natural Wool complies with all requirements of EN1307: Textile Floor Coverings – Classification of Pile Carpets.
Manufacturing location	Cortonwood, United Kingdom
Site accreditation	ISO14001, ISO 9001, OHSAS 18001, SA8000®



### Our footprint – how it's made

#### Environmental data

Total recycled content of product by weight	40%
Post industrial recycled content	40%
Post consumer recycled content	0%
Recycled content of yarn	0%
% renewable electricity used	100%

#### Independent assessment and rating

ISO 9001 Quality Management System

ISO 14001 Environmental Management System

OHSAS 18001 Occupational Health and Safety Management



Westbond Natural Wool is made in an SA8000® certified facility



#### Carbon footprint

Estimated carbon footprint using data from Environmental product declaration according to ISO 14025	Raw materials and production	43.3 kg CO <sub>2</sub> eq/m <sup>2</sup>
	Use (1 year)	0.32 kg CO <sub>2</sub> eq/m <sup>2</sup>

### Your footsteps – how it performs

#### Health and well being

Air quality AgBB/DiBt	Pass
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<b>Impact sound reduction</b>	28dB
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#### Installation

Recommended adhesives

Carpet tiles must be adhered using an all over tackifier adhesive system: Forbo Eurocol 542 Eurofix Tack Plus, a **solvent free** release system, is recommended. Where periphery tiles are not constrained by fixtures e.g. walls, edge strips etc, it is recommended that such tiles are adhered using a permanent adhesive; Forbo Eurocol 540 Eurosafe Special, again a **solvent free** adhesive, is recommended.

Adhesives must be applied according to the manufacturer's instructions and it is essential that tackifier adhesives are allowed to dry to a tacky finish before laying the carpet tile. Failure to do so could result in a permanent nonrelease bond.

Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then low emission adhesive Eurocol 542 Eurofix tack plus should be used. If a permanent bond is required, please use Eurocol 640 Eurostar special.

**Maintenance**

Appropriate care and maintenance is essential to longevity and appearance retention and is necessary to maintain product warranties. Refer to the clean and care instructions available from Westbond.

All Westbond products are suitable for cleaning using the Dry Fusion technique. Dry Fusion uses 95% less water than the normal system of cleaning, produces no waste product, uses non hazardous and biodegradable cleaning solutions and all packaging and materials within the Dry Fusion System can be recycled.

**End of life**

Products suitable for reuse, recycling, downcycling and waste to energy. Westbond works with recycling companies to clean, reuse and recycle old carpet tiles in the UK.

**Contribution to Green Building Schemes**

**BREEAM**

BREEAM ratings (generic)                      Not rated

**Ska scheme (RICS)**

M12 soft floor covering criteria (Ska offices Vs 1,2.2013)                      Meets

M12 soft floor covering criteria (Ska retail Vs 1,0.2012)                      Meets

**LEED (version 2.2)**

Potential direct or indirect contribution to following categories and credits:                      **Materials and Resources**                      Regional materials, credit 5

**Westbond design principles (Reduce, Recycle, Reuse, Renew)**

**Reduce**                      All Westbond samples can be returned allowing them to be reused or recycled, reducing the need for virgin material.

**Reuse**                      We return empty yarn cones to our suppliers to be reused.

**Recycle**                      At least 70% of Westbond tile backing is made from recycled vinyl.

**Renew**                      All tiles manufactured at Cortonwood are made with 100% renewable electricity. Westbond is a member of Campaign for Wool' which promotes wool as a natural and renewable resource.

**Detailed environmental product declarations and full Life Cycle Analysis**

EPD declaration number                      To download this EPD, please visit [www.westbond.co.uk/downloads](http://www.westbond.co.uk/downloads)  
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