

## Forbo Environmental Data Sheet

<b>Product name</b>	<b>Flotex Tile</b>
Product description	Flotex Tile is comprised of a polyamide 6.6 pile above a glass fibre reinforced recycled backing. Flotex Tile complies with all requirements of EN1307: Textile Floor Coverings – Classification of Pile Carpets.
Manufacturing location	Ripley, 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	67%
Post industrial recycled content	67%
Post consumer recycled content	0%
% renewable electricity used	100%

#### Independent assessment and rating

ISO 9001 Quality Management System	
ISO 14001 Environmental Management System	
Flotex tiles are made in an SA8000® certified facility	
British Allergy Foundation	
Ü Mark	
French act Grenelle: A+	

#### Carbon footprint

Estimated carbon footprint using data from Environmental product declaration according to ISO 14025	Raw materials and production	11.5 kg CO <sub>2</sub> eq/m <sup>2</sup>
	Use (1 year)	0.3 kg CO <sub>2</sub> eq/m <sup>2</sup>

### Your footsteps – how it performs

#### Health and well being

Air quality	Approved by Allergy UK
AgBB/DiBt	Pass
CHPS 01350	Flotex products comply to 01350 Indoor Air Quality Standard
Impact sound reduction	19 dB
Bacteriostatic properties	Flotex Classic meets the requirements of AATCC 174-1 and 174-2



#### Installation

Recommended adhesives	Forbo recommends the use of 540 Eurosafe special, a <b>solvent free</b> adhesive. Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then low emission adhesive Eurocol 640 Eurostar special should be used. If a permanent bond is required, please use Eurocol 640 Eurostar special.
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**Maintenance**

Flotex releases twice as many allergens on vacuuming as standard carpet.  
 Flotex can be cleaned using standard cleaning materials without the need for harmful chemicals.  
 Flotex is waterproof and can be steam or mechanically cleaned.

**End of life**

Can be downcycled or sent to waste to energy

**Contribution to Green Building Schemes**

**BREEAM**

BREEAM ratings	Building Type				Retail/Leisure (Durability)	Retail/Leisure (Fashion)
<b>Flotex F50 tile</b> with recycled backing	Commercial	Education	Health	Domestic	B	A+
	B	A	A	B		

**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:	<b>Materials and resources</b>	Materials and resources – construction waste management through Back to the floor. Credit 2 Regional materials, credit 5
	<b>Indoor environmental quality</b>	Indoor environmental quality – low emitting materials credit 4.3

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

<b>Reduce</b>	All Flotex samples can be returned allowing them to be reused or recycled, reducing the need for virgin material
<b>Reuse</b>	Producing a Flotex tile backing made from re-used and pre consumer waste. Waste comes from other production sites within Forbo, but also from outside Forbo to optimise waste streams from external textile flooring companies
<b>Recycle</b>	Installation waste can be recycled in the our plant in Ripley, Derbyshire, back into Flotex products
<b>Renew</b>	Flotex tiles are produced using 100% renewable electricity

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

EPD declaration number 12CA64879.105.1	To download this EPD, please visit <a href="http://www.forbo-flooring.co.uk/downloads">www.forbo-flooring.co.uk/downloads</a>
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