

Forbo Environmental Data Sheet

Product name	Flotex Tile/Plank
Product description	Flotex Tile is comprised of a polyamide 6.6 pile above a glass fibre reinforced recycled PVC backing. Flotex Tile complies with all requirements of EN1307: Textile Floor Coverings – Classification of Pile Carpets.
Manufacturing locations	Ripley, United Kingdom Chateau Renault, France
Site accreditation	ISO14001, ISO 9001, ISO 45001, SA8000®



Our footprint – how it's made

Environmental data

Total recycled content of product by weight	up to 49%
Post industrial recycled content	up to 49%
Post consumer recycled content	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	
Flotex tiles and planks are made in an SA8000® certified facility	
British Allergy Foundation	

Carbon footprint

Estimated carbon footprint using data from Environmental product declaration according to ISO 14025	Raw materials and production	11.10 kg CO ₂ eq/m ²
	Use (1 year)	0.316 kg CO ₂ eq/m ²

Your footsteps – how it performs

Health and well being

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

Installation

Recommended adhesives	Forbo recommends the use of 542 Eurofix Tack Plus, a solvent free tackifier adhesive. If a permanent bond is required, please use Eurocol 640 Eurostar special, a solvent free permanent bond adhesive. Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then these low emission adhesives can be used.
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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 2018

Value of Credit Compliant through EPD declaration number 4788294459.111.1 EPD valid until August 1st 2023

Ska scheme (RICS)

M12 soft floor covering criteria	(Ska Offices Vs 1.2 2013) Meets	(Ska Retail Vs 1.0 2012) Meets	(Ska Higher Education Vs 1.0 2016) Meets
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LEED (version 4)

Potential direct or indirect contribution to following categories and credits:	Materials and resources	Building product disclosure and optimisation - EPD up to 2 points
		Building product disclosure and optimisation - sourcing of raw materials - up to 1 point
		Construction and demolition waste management up to 2 points
	Indoor environmental quality	Low emitting materials up to 3 points
		Acoustic performance up to 1 point

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

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

Detailed environmental product declarations and full Life Cycle Analysis

Visit www.forbo-flooring.co.uk/downloads for more information