

Forbo Environmental Data Sheet

Product name	Flotex Tile
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 ₂ eq/m ²
	Use (1 year)	0.3 kg CO ₂ eq/m ²

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 solvent free 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 Flotex F50 tile with recycled backing	Building Type					Retail (Durability)	Retail (Fashion)
	Office B	Education A	Healthcare A	Homes B		B	A+

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

M12 soft floor covering criteria
(Ska Higher Education Vs 1.0 2016)

Meets

LEED (version 2.2)

Potential direct or indirect
contribution to following
categories and credits:

Materials and resources

Materials and resources – construction waste management
through Back to the floor. Credit 2

Regional materials, credit 5

Indoor environmental quality

Indoor environmental quality – low emitting materials credit 4.3

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

EPD declaration number
12CA64879.105.1

To download this EPD, please visit www.forbo-flooring.co.uk/downloads