

Forbo Flooring Systems is part of the Forbo Group, a global leader in flooring, bonding and movement systems, and offers a full range of flooring products for both commercial and residential markets. High quality linoleum, vinyl, textile, flocked and entrance flooring products combine functionality, colour and design, offering you total flooring solutions for any environment.

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FLOORING SYSTEMS

creating better environments

creating better environments



FLOORING SYSTEMS



Put a piece of art on your floor

Flotex offers you a new dimension in flooring. Flotex is a completely unique flooring experience that combines all the hard wearing and durable characteristics of a resilient floor with the quality, warmth and comfort of a carpet.

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A radical direction in combining dynamic design with pioneering and innovative product technology, that is “The Sottsass Collection” a directional collection in Flotex, ground-breaking both aesthetically and technically.

This collection is the result of a creative collaboration between Forbo Flooring and the Italian design studio, Sottsass Associati. The late Ettore Sottsass and his partner and head of studio, Christopher Redfern, have together created the four designs that comprise this Flotex collection, and it is manufactured using specially developed digital print technologies which set a new bench mark for rendering high quality images onto textile.

Flotex meets Sottsass

A unique product like Flotex offers an opportunity for creative designers like within the Sottsass Associati. Thanks to the ease of printing, almost every design is possible. This gave Ettore Sottsass and Christopher Redfern the freedom to use their creativity and let art do the talking.



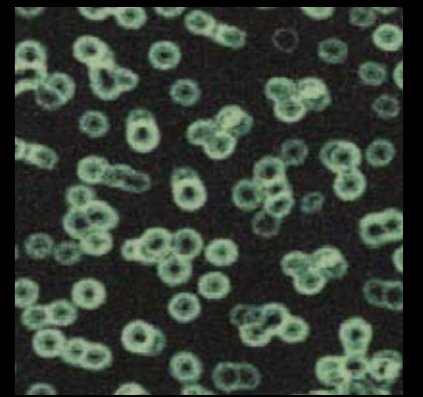
Four ground-breaking designs

"The Sottsass Collection" comprises of four designs: TERRAZZO, WOOL, BACTERIA and KASURI by Ettore Sottsass and Christopher Redfern. The four designs have features in common: irregular, apparently random and organic forms, and the "optical" features that play with scale, an aspect which are especially relevant to flooring, where the dynamics of perspective are constantly at work.

Let your imagination do the work

The collection is available in a wide range of different colourways and include hot fashion colours in strongly contrasting combinations. Colours include Schiapparelli pink, electric blue and neon green on black ground, pink, grey and turquoise on white ground alongside more natural and neutral interpretations.

flotex[®] bacteria 990102



flotex[®] wool 990603



flotex[®] terrazzo 990703



flotex[®] kasuri 990809

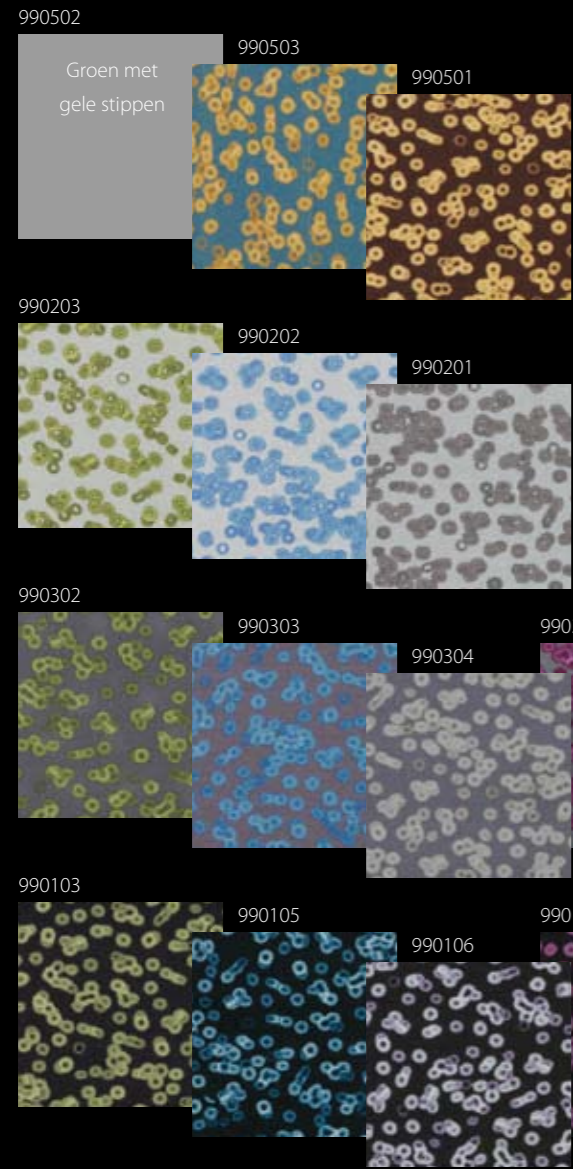
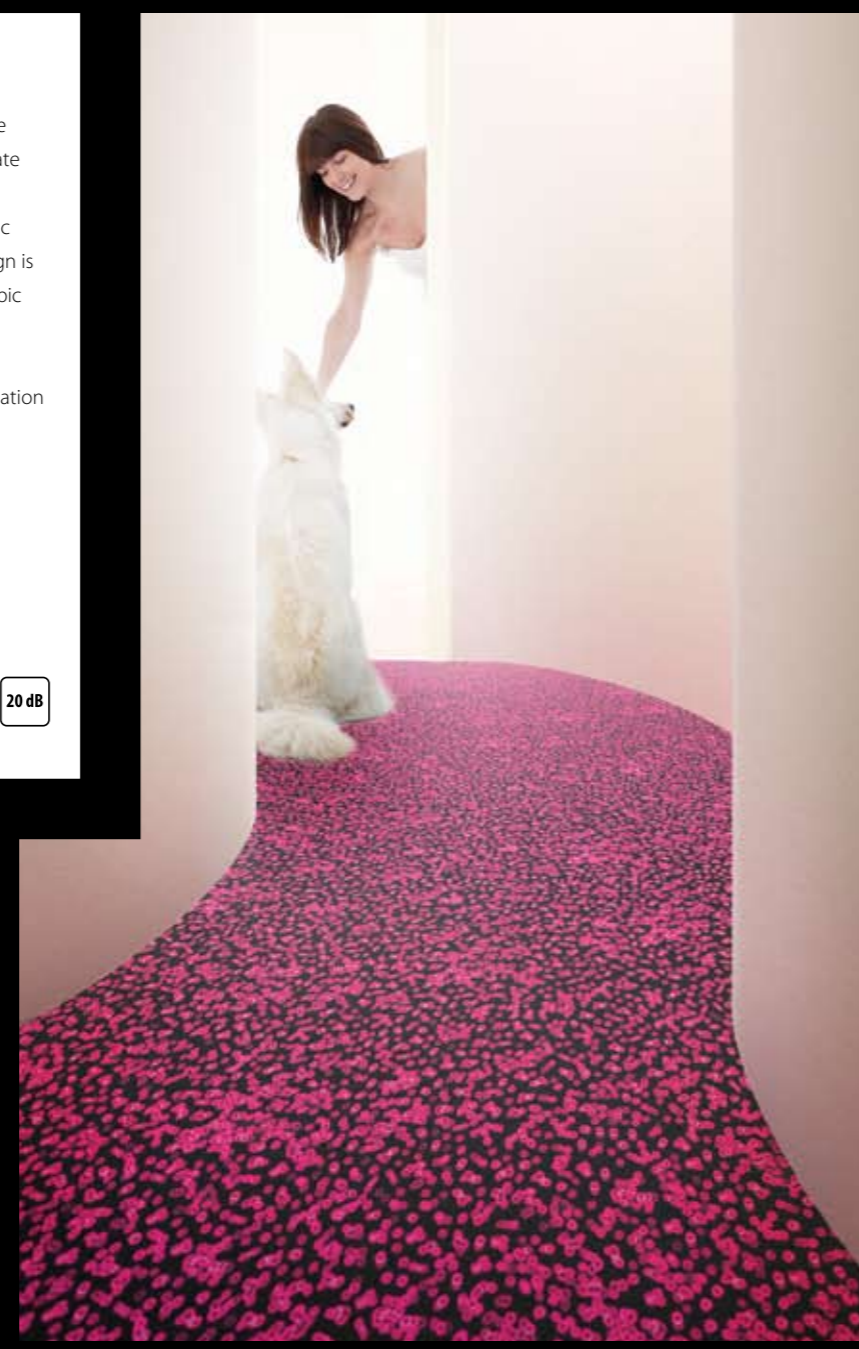


flotex[®] bacteria

In BACTERIA, Redfern has taken one of Ettore Sottsass's signature designs, created in the late 1970's, a prescient forerunner of the current modern age of nano technology and genetic engineering. Optically challenging, the design is open to wide interpretation, close up amoebic forms sway and shift, from afar it appears as a constellation of distant stars. BACTERIA is available in twenty colourways on a combination of black, white and pale grey grounds.



Pattern repeat: 200 x 150 cm 200 cm 20 dB

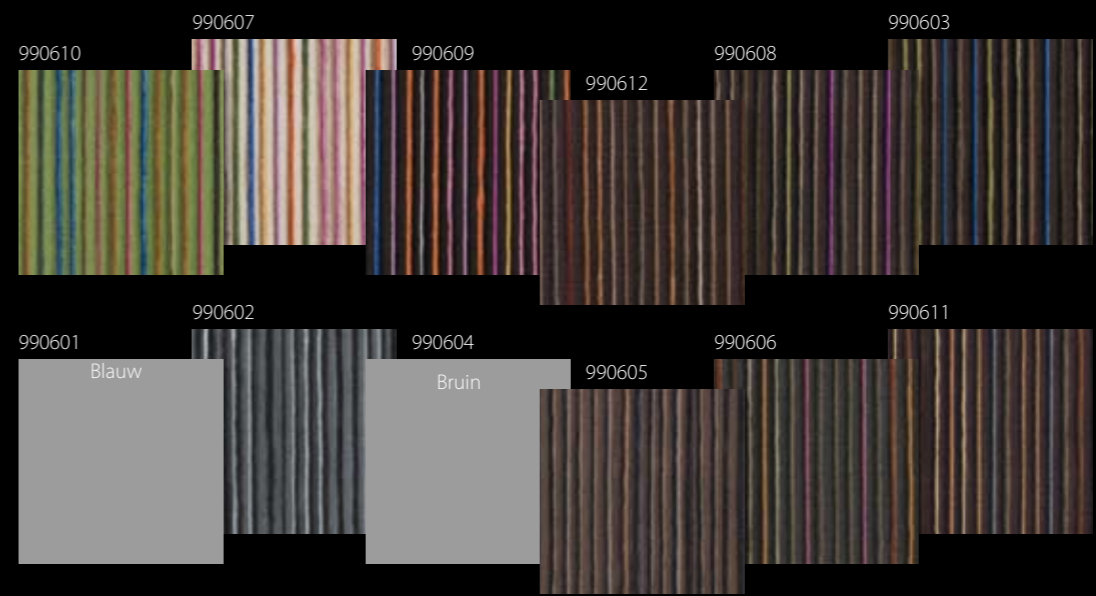


flotex[®] wool

The WOOL design implies the texture and stranded feel of this natural material, whilst presenting a strongly impressionistic effect. Irregular coloured strands form linear (and roving) patterning, reminiscent of Bridget Riley op-art. When viewed from a distance this design dramatically shifts perspective and redefines the interior space. WOOL is available in 12 colourways.



Pattern repeat: 200 x 150 cm 200 cm 20 dB

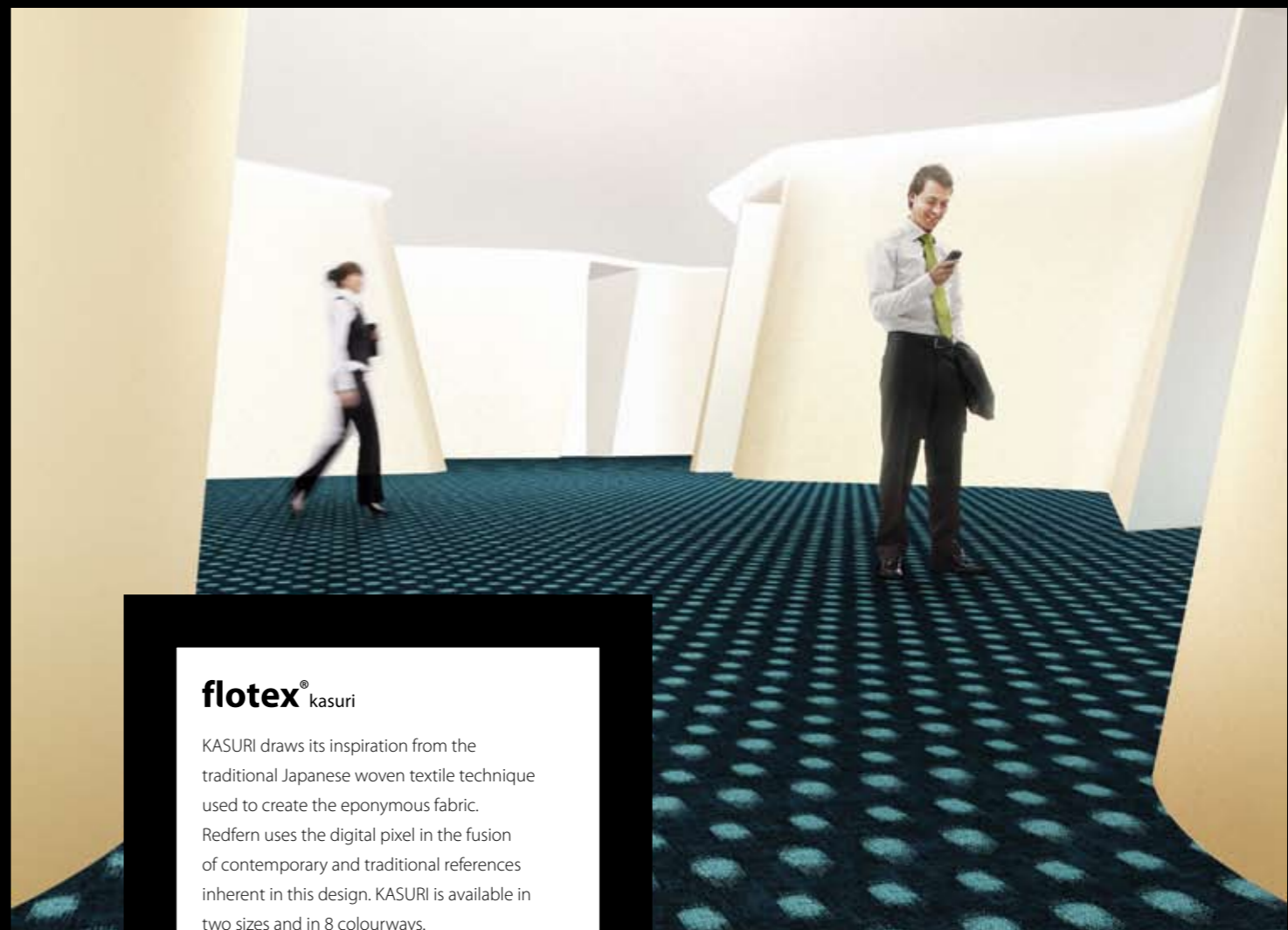
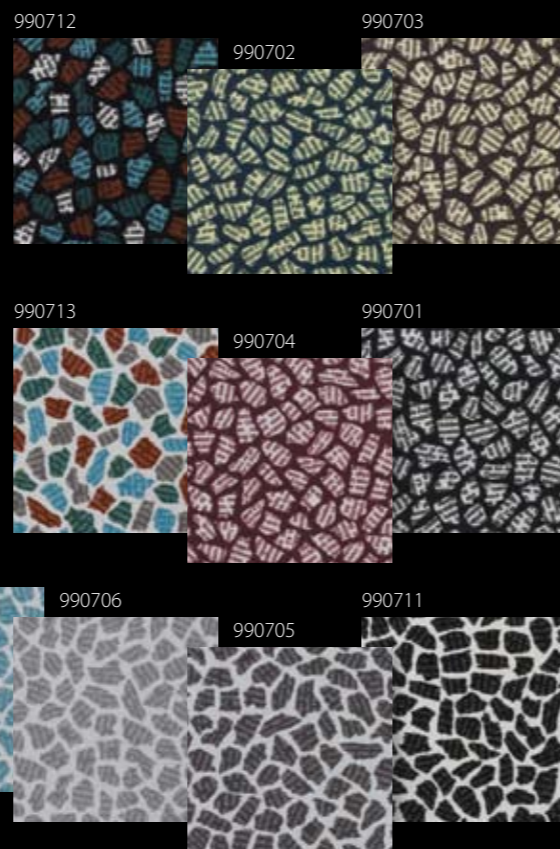




flotex® terrazzo



TERRAZZO by Sottsass is a witty "twist" on the concept of traditional Italian Terrazzo (a poured concrete flooring containing chips of stone, marble or glass with distinctive and irregular pattern when dry and polished); on closer inspection, the "chips" in TERRAZZO are revealed as pieces of torn paper – each holds its own story – a shredded love letter or only a bill? - it is for the individual to decide and to create his own narrative. TERRAZZO is available in thirteen colourways.

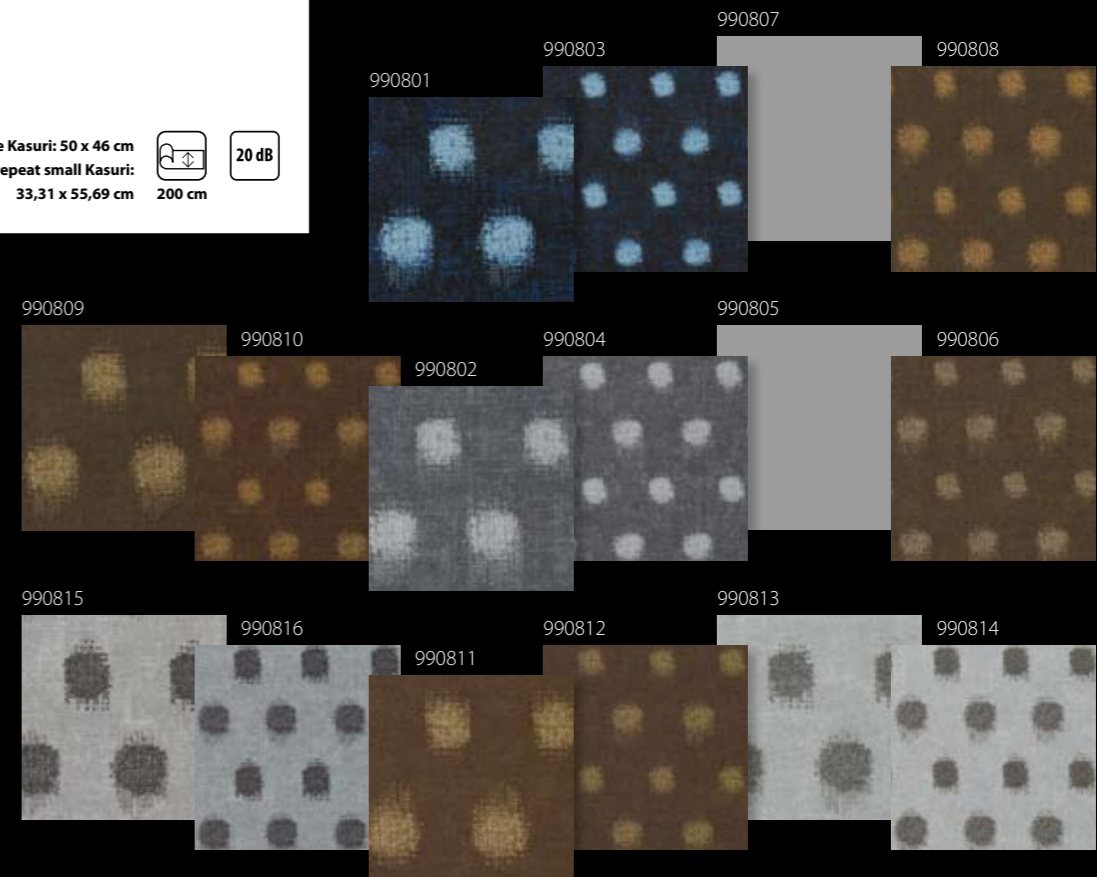
Pattern repeat: 200 x 150 cm  20 dB



flotex® kasuri

KASURI draws its inspiration from the traditional Japanese woven textile technique used to create the eponymous fabric. Redfern uses the digital pixel in the fusion of contemporary and traditional references inherent in this design. KASURI is available in two sizes and in 8 colourways.

Pattern repeat large Kasuri: 50 x 46 cm  20 dB
 Pattern repeat small Kasuri: 33,31 x 55,69 cm  20 dB



Technically superior

Flotex is made up from a solid vinyl, re-enforced base, with a densely flocked surface of nylon 6.6 fibres that are anchored firmly into the base layer. Flotex is extremely dimensionally stable and has the velour optics of a textile floor covering whilst being as functional and cleanable as a vinyl or linoleum floor covering.

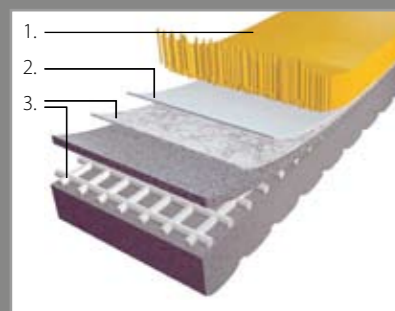
Performance for life

The solid vinyl base of Flotex, re-enforced with glass fleece, is impermeable to water and offers the anchor for millions of straight nylon fibres, over 70 million per square metre, making it the densest textile product available. As all fibres are aligned and positioned vertically they all react in the same way to the feet and trolleys that run over the surface, without leaving walkways or traffic lanes. Flotex is the perfect castor chair surface; not too smooth; so, not slippery, not too soft; so, not ridged on movement of the chair-wheels. It is the perfect office floor as well as the best hygienic alternative to carpet in care facilities and any environment where carpets (or carpet tiles) are desired because of their comfort and sense of luxury. At the same time its design features make it the ideal floor for retail and hospitality environments. No other floor covering beats Flotex in style and performance.

Safe and comfortable

Flotex floor covering in many ways makes unusual combinations that are normally found to be specific to just one particular kind of floor covering. Yet Flotex qualities also can be judged on its own. The dense flocked surface provides an ideal acoustic barrier for both ambient and contact sound up to over 20dB. Providing comfort and ambiance inside the room as well as to those rooms located below. At the same time the nylon fibres provide a surface that is smooth in a way that it prevents tripping but resists any foot-walk just enough to the limit where it prevents slipping. As such it is the ideal non-slip carpet, both in dry and wet conditions. Moreover Flotex is a fire resistant floor covering fulfilling all requirements up to the highest standard in commercial use.

1. A densely flocked surface of nylon 6.6 fibres that are anchored firmly into the base layer
2. Solid vinyl, re-enforced base, treated with Sanitized®
3. Glass fleece layer for extreme dimensional stability



- Flotex has ten times as many fibres per square meter than carpet
- Can be cleaned using standard cleaning equipment
- 100% waterproof, rot-resistant, highly stable and very long-lasting.

- Smooth, velour-like surface that is comfortable to walk on
- Warm underfoot
- Excellent slip resistance
- Excellent acoustic properties up to 20dB
- Fire resistant

Unrivalled performance

Creating a healthier environment

The anti microbial Sanitized® treatment of the Flotex base ensures consistent protection against bacteria such as MRSA and E.coli, or moulds such as athletes foot fungi. The Sanitized® treatment is compounded into the backing of Flotex, continually refreshing the anti-microbial performance without degradation through cleaning or vacuuming. This makes Flotex the ideal floor covering for healthcare institutions such as elderly homes or care facilities. It also suppresses the growth of dust mite populations. Independent tests show that a dust mite population introduced to Flotex is reduced by an average of 86% over an eight week period. Therefore Flotex also has a positive impact on the lives of allergy sufferers even more as daily vacuuming cleans away twice as many allergens compared to conventional carpets due to Flotex unique fibre construction that releases dirt in a single cleaning exercise. That is why Flotex carries the British Allergy Foundations seal of approval.

Cleaner for longer

A textile flooring with the ease of cleaning a resilient is the true quality of Flotex. When prescribed cleaning procedures are followed, Flotex outperforms any textile floorcovering in appearance. It's smooth upright nylon 6.6 fibres allow dirt to be easily removed by ordinary vacuuming. No dry dirt is trapped by any loops or brush edges of the fibre and the vacuum action reaches the very base of the pile, meaning that all dirt is removed. The vinyl base of Flotex combined with the nylon 6.6 top layer also allows the floor covering to be cleaned with water and detergents, simply washing away any spills or stains. Steam cleaning or mechanical cleaning methods can be applied resulting in clean floors. Flotex is the truly washable textile, dries quickly and as such stays cleaner for longer.

Usage classification

Like with any product, colour and design influence the appearance retention of the floor. Also Flotex is able to "hide" any soiling or dirt to a greater or lesser degree depending on the base colour and the visual design. Using European (EN) approved testing methodology we have graded every item in the collection on its ability to 'hide' general dirt or staining that occurs during normal use depending on the application. The result is a usage classification that can be applied as general advice when concern is particularly focussed on appearance over time of the Flotex design. Let your sales contact inform you on the specific soiling classification per design and colour.

- Anti-microbial Sanitized® treatment
- Continuous protection against bacteria
- Approved by the British Allergy Foundation



- Dirt can be easily removed by ordinary vacuuming
- Spills can be washed thoroughly with everyday cleaning materials
- Even chewing gum presents no problem
- The only truly washable textile floor covering



Vacuuming Flotex



Vacuuming conventional carpet

More Flotex



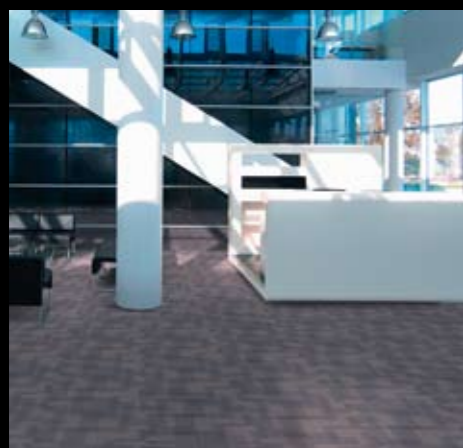
flotex[®] classic

The Flotex Classic designs are characterised by their subtle nuances in colour and by the design grid that deliver a perfect tranquil all-over look, ideal for commercial applications such as offices, schools and healthcare institutions.



flotex[®] HD

Flotex HD represent the unique High Definition digital print collection that creates superior textures with almost 3D-like appearance. Flotex HD, through its technology allows for large endless pattern repeats and vivid life like colours creating a new dimension for Flotex and making the product attractive for modern environments.



flotex[®] tiles

Some of the Flotex Classic ranges are also available in tile extended with unique tile designs. Using the same flocking technique but then placed on a fully recycled backing. Tiles give you the freedom to install either broadloom or chequerboard.

More Forbo Flooring



Linoleum

As world leader in linoleum, Forbo offers a broad range of flooring products and surface linoleum for furniture and wallcovering. More than 100 years of experience and the most environmental friendly production techniques and product ensures the highest quality. The endless investments in product development gives Forbo Flooring the opportunity to keep on offering the most innovative product palette for both project and consumer.



Vinyl

As design oriented producer of attractive vinyl flooring solutions, Forbo Flooring has high quality vinyl products for a broad use in Health Care, Industry, Retail and Living areas. Besides design oriented vinyl flooring, Forbo Flooring also offers special vinyl products like acoustic or safety vinyl.



Textile flooring

In the Forbo portfolio we offer textile flooring like carpet tiles and entrance systems. Every location has an entrance and an exit. Besides the fact that this is your first contact with the visitor, it is also the first protection for any kind of flooring that is installed afterwards. With Forbo entrance flooring products you take the first important step to keep the durability of your flooring.

Forbo FloorCare method

Cleaning after installation



- Vacuum clean the floor using an upright vacuum cleaner with a powered brush
- Remove stains or spills locally using clean warm water
- Always work from outside inwards
- Remove excess water
- Allow the floor to dry

Regular cleaning



- Vacuum clean the floor using an upright vacuum cleaner with a powered brush
- Remove stains or spills locally using clean warm water
- Always work from outside inwards
- Remove excess water
- Allow the floor to dry

Occasional maintenance



- First soak stains locally by spraying with a solution of mild detergent
- Scrub with plenty of warm water, using a machine for carpet wet cleaning with brush action
- Allow the floor to dry



Technical specifications

Flotex meets the requirements of EN 1307

			Flotex sheet
	Total thickness	ISO 1765	4.3 mm
	Commercial heavy	EN 685	Class 33
	Roll width		2.00 m
	Roll length		30 m
	Total weight	ISO 8543	1.8 kg/m ²
	Dimension stability	ISO 2551	< 0.2%
	Abrasion resistance	EN 1963	< 35 g Pile loss
	Castor chair continuous use	EN 985	r = ≥ 2.4 Continuous use
	Light fastness	EN ISO 105 B-02	6
	Slip resistance	DIN 51097	> 0.7 Dry and wet
		UK SGR pendulum	Dry - very low slip Wet - low slip
	Electrical resistance	ISO 10965	> 10 ⁹ Ω
	Acoustic	ISO 140-8	Impact sound ΔLw = 20 dB
		ISO 354	Sound absorption = 0.10
Flotex meets the requirements of EN 14041			
	Reaction to fire	EN 13501-1	B _{f1} -s ₁
	Slip resistance	EN 13893	DS: > 0.30
	Body voltage	ISO 6356	< 2kV
	Thermal resistance	ISO 8302	0.0526 m ² K/W

Creating better environments

Flotex production is ISO14001 accredited; demonstrating good environmental management. Also Flotex is the only flocked floor covering to be granted BRE (Building Research Establishment Environmental Assessment Method) A' certification.