

CI/SfB
| (43) | Tn6 |
June 2014

FLOCKED FLOORING

- flotex**[®] colour
- flotex**[®] linear
- flotex**[®] naturals
- flotex**[®] vision
- flotex**[®] sottsass



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



Contents

Introduction	5	Flotex segments	54
Sustainability		Flotex and Education.....	54
Creating better environments.....	8	Flotex and Retail.....	56
Flotex	12	Flotex and Office.....	58
Flotex Colour	17	Flotex Leisure & Hospitality.....	60
Flotex Metro.....	18	Flotex and Healthcare, Aged Care & Assisted Living.....	62
Flotex Penang.....	20	Technical specifications	64
Flotex Calgary.....	22	Cleaning & Maintenance	66
Flotex Artline.....	24	Design service	68
Flotex Linear	26	The next step	69
Flotex Integrity ²	28		
Flotex Complexity.....	30		
Flotex Pinstripe.....	32		
Flotex Stratus.....	34		
Flotex Cirrus.....	36		
Flotex Naturals	38		
Flotex Vision	40		
Flotex Sottsass	44		
Flotex Bacteria.....	46		
Flotex Terrazzo.....	48		
Flotex Wool.....	50		
Flotex Kasuri.....	52		





You're thinking time is precious, we're thinking, we agree

Why deal with multiple suppliers when you can deal with one? Forbo Flooring Systems is a global producer of flooring solutions. We pride ourselves on offering a truly comprehensive product portfolio with leading edge products specifically designed to cater for each area of a project, from the entrance, through circulation and communal zones, to each individual space in the building.

We are also a major British manufacturer with five UK manufacturing plants employing more than 500 UK staff.

Our flooring solutions offer includes:-

- Environmentally friendly, functional and design-oriented Marmoleum
- An extensive range of sheet Project vinyls, Acoustic vinyls and Safety vinyls
- Static control flooring for areas with sensitive electronic equipment
- High quality European manufactured Luxury Vinyl Tiles
- Entrance flooring systems that keep interior floors clean, dry and safe
- Carpet tiles for both public and commercial environments
- Flocked sheet and tile for areas that need the benefits of both textile and resilient floor coverings
- Cushioned vinyls for the home

With a range of subfloor systems, Eurocol adhesives and Floor Care products to complete this extensive and versatile product portfolio, Forbo Flooring Systems can deliver 'integrated solutions' for every project. The single source solution overcomes the need for multiple supplier visits and provides total accountability across the project, saving you valuable time, money and providing peace of mind. This brochure details our comprehensive range of Flotex flocked flooring. For information on our other key product ranges and services, please ring **0800 731 2369** for a free copy of any of our brochures.

Forbo's products are available in a vast array of colourways and offer a wide choice of performance attributes. Flooring installations in a variety of application areas ranging from hospitals and schools to airports and designer shops are proof that Forbo offers modern, versatile, high performing floor coverings.

◀ **Taking care of your floor**

A selection of some of the thousands of men and women that create Forbo floor coverings in our 12 manufacturing sites across Europe, including five in the UK.

Forbo – Integrated flooring solutions

Linoleum



marmoleum[®]
marmoleum[®] modular
marmoleum[®] decibel
marmoleum[®] ohmex
bulletin board[®]
furniture linoleum[®]

Project vinyl



eternal – General purpose vinyl
allura – Luxury vinyl tiles
allura flex – Loose lay vinyl tiles
step[®] – Safety vinyl
sarlon[®] – Acoustic vinyl
colorex[®] – Static control flooring
 Bespoke digitally printed vinyl

Flotex flocked flooring



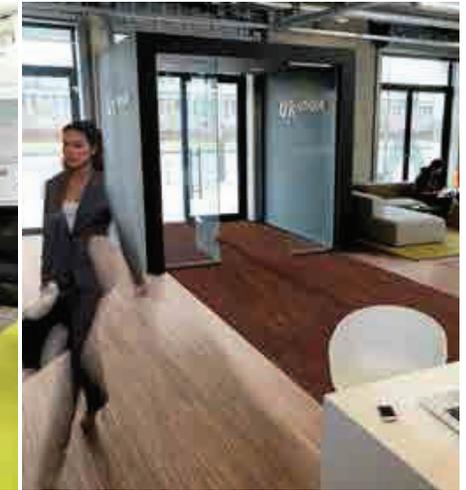
flotex[®] colour
flotex[®] linear
flotex[®] naturals
flotex[®] vision
flotex[®] sottsass

Carpet tiles



tessera[®] – Tufted carpet tiles
westbond[®] – Fusion bonded carpet tiles

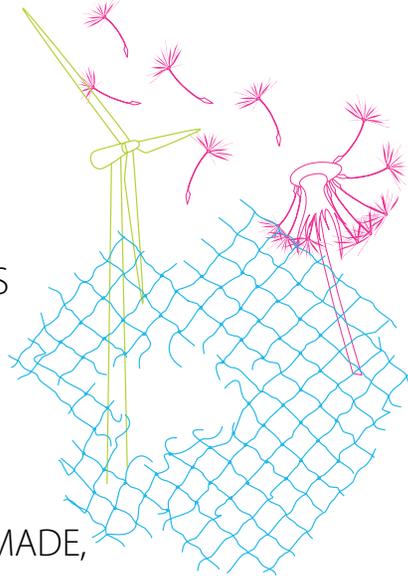
Entrance



coral[®] – Textile entrance flooring
nuway[®] – Engineered entrance flooring

We believe in creating better environments

From how they're made to how they perform, we make outstanding floors that are truly sustainable. That's because our floors are good for people, good for buildings and good for the environment. So, from the building they're in to the world outside, we're helping our customers work, live and relax in better environments.



IT'S ABOUT THE THINGS YOU CAN'T SEE

A Forbo floor is always beautiful and stylish to look at. A floor that's comfortable to live, work and play on. But looks aren't everything; often, it's the things you can't see that really matter.

FROM HOW IT'S MADE, OUR FOOTPRINT...

From how we run our factories to how we choose our ingredients, the way we make our floors is a big part of how we meet our mission to create better environments.

...TO HOW IT PERFORMS, YOUR FOOTSTEPS...

We include the whole life of a floor when we think about its sustainability performance. Which means we make sure our floors start performing from the moment they're fitted.

The following page shows some examples of our sustainability initiatives. For more details, please visit our web site www.forbo-flooring.co.uk/cbe



OUR FOOTPRINT

How it's made

FORBO
FLOORING SYSTEMS

creating better environments
Sustainability is about the things you can't see

100% of tessera[®] carpet trim is recovered in the UK

43% recycled content in marmoleum[®]

<60% recycled content in the backing of our vinyl ranges

67% recycled content in flotex[®] tiles

100% of aluminium used in nuway[®] tuftguard is recycled

>70% recycled content in the backing of westbond[™] carpet tiles

100% of aluminium and steel waste from our nuway[®] production is recycled

50+% recycled content in all tessera[®] carpet tiles made in the UK

100% of westbond[™] polyamide carpet trim is recycled in the UK

80% waste by

100% of westbond[™] polyamide carpet trim is recycled in the UK

Save a Sample and reduce the amount of virgin material used

SAVER SAMPLE

THE CAMPAIGN FOR WOOL
Patron: HRH The Prince of Wales

westbond[™]
natural carpet tiles are made from undyed wool from British sheep

Econyl[®] yarn made from abandoned fishing nets

Patron of Outward Bound charity

ISO 14001

<65% reduction in cleaning costs when coral[®] is installed

94% of dirt and moisture can be kept outside the building with coral[®]

5 UK >500 factories Employees

2% Our innovative random-lay carpet tiles reduce fitting waste to less than

100% of our packaging is recyclable

marmoleum[®] is biodegradable in a controlled environment

flotex[®] releases twice as many allergens on cleaning than standard carpet

marmoleum[®] inhibits the growth of MRSA, C Difficile and other bacteria

50% LESS CO₂ emissions from marmoleum[®] than other resilient floor coverings

nuway[®] tuftguard mats are reversible, effectively doubling their life

allura^{flex} tiles can be easily removed to recycle at the end of their life

back to the floor recycling Forbo's flooring

Here in the UK we recycle installation waste back into Forbo products

topshield² reduces scuffing so less cleaning

marmoleum[®] and flotex[®] are approved by Allergy UK

RECYCLING UK MEMBER

We work with Carpet Recycling UK to clean, reuse and recycle old carpet tiles in the UK

YOUR FOOTSTEPS

How it performs

Green certification

We use several transparent independent third party certification systems for our flooring products. We're also keen to include our products in the building rating systems for a sustainable environment.

It's good for Forbo because it helps us share our sustainability story and spot opportunities to improve.

And it's good for you because it shows that other environmental experts agree that our floors are among the most sustainable and high performance available.

The **Nordic Swan**, **Blue Angel**, **Cradle-to-Cradle**, **BREEAM** and **Natureplus** are just a few of the sustainable product labels that Forbo complies to.

Just visit www.forbo-flooring.co.uk/cbe to find out more.

BREEAM

[Building Research Establishment Environmental Assessment Methodology]

BREEAM is the world's most well-known environmental assessment for buildings. The table opposite shows the BREEAM ratings for our Flotex products. For a full list of all our BREEAM certified products, please visit www.forbo-flooring.co.uk/downloads

SKA

Ska rating is an environmental assessment method, benchmark and standard owned by RICS (Royal Institute of Chartered Surveyors). It's for use in non-domestic fit outs and is mainly used in the office and retail sectors.

Many of Forbo's ranges contribute to the overall Ska rating of a fit out. The table opposite shows which of our Flotex products meet the best practice criteria for soft floor coverings in both the retail and office schemes.

LEED

[Leadership in Energy and Environmental Design]

LEED is the most widely used environmental certification programme in the US, and is recognised internationally. This programme awards ratings based on the whole performance of a building, instead of individual products, such as flooring.

To find out more about our LEED ratings visit the downloads section of our web site and download the environmental product data sheet for the relevant product www.forbo-flooring.co.uk/downloads



BREEAM

BREEAM ratings for Flotex						
Product Description	Building Type Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
Flotex F50 - (Colour and Linear) Flotex tile with recycled backing	B	A	A	B	B	A+
Flotex F200 - (Colour and Linear) sheet with PVC backing	A	A	A+	A	A	A+
Flotex F200 HD - (Naturals, Vision and Sotssass) sheet with PVC backing	B	A	A	B	B	A+

SKA

Ska Offices and retail schemes are used on fit-out projects large and small, both refurbishment and new build, and the scheme scores environmental good practice irrespective of the base building.

Many of our carpet tiles, Marmoleum, vinyl and entrance product ranges also meet the Ska criteria. Please visit www.forbo-flooring.co.uk/ska to find details of our full range of Ska compliant products.

M12 soft floor covering criteria (Ska Offices Vs.1.2 2013)

M12 soft floor covering criteria (Ska Retail Vs.1.0 2012)

Ska ratings for Flotex	
Product	Meets Ska criteria
Flotex colour and linear sheet	✓
Flotex colour and linear tile	✓
Flotex naturals, vision and sotssass	✓

For more detailed information on the sustainability profile of our products, please visit www.forbo-flooring.co.uk/downloads to download any of our Environmental data sheets.





flotex[®]

bionic flooring performance combined with colour and flexibility

The term 'bionic' refers to features found in nature that are replicated in man-made products and processes. This transfer of technology from living fauna and flora helps to create optimised and highly efficient products. An example of this is the development of water and dirt repellent surfaces inspired by the way the leaves of the lotus flower dispel water.

The 70 million fibres per m² in Flotex provide a slip resistant surface in both wet and dry conditions similar to the way the feet of a gecko are covered with thousands of tiny hairs that allow them to climb without slipping. They also absorb sound making Flotex a quiet floor.

Flotex fibres are flexible and comfortable under foot and, just like moss and bamboo, their density, design and strength means they return to their original shape. Such strength creates durability and a surface which is exceptionally resistant to wear, especially from the likes of castor chairs.

Bees fly from one flower to the next collecting and releasing pollen when they need to, in the same way that Flotex traps the allergens in the tip of the nylon 6.6 fibres until easily releasing them on vacuuming. These properties mean that Flotex is currently the only textile floor covering to be approved by Allergy UK.*

Advanced printing technologies used in the production of Flotex replicate the rich, vibrant and precise colourations found in nature. This means you can evolve our product to create almost limitless design possibilities with digital printing using our Flotex Vision system.

Flotex is a floor covering that looks and feels like a carpet without any of the drawbacks of a textile floor covering. It has a smooth, velour like surface that is comfortable to walk on, warm underfoot with excellent slip resistant and acoustic properties.

Durable and comfortable

Discover the toughness and durability of Flotex which comes as a result of the 70 million nylon 6.6. fibres per square metre, while experiencing the quietness and comfort normally only associated with a carpet as a result of the impervious cushioned backing.



Quiet yet Hygienic

The nylon fibres not only ensure excellent sound absorption properties, they also capture allergens and fine dust from the air, all of which they effortlessly release to standard cleaning appliances. Flotex also provides protection against mould and odours while still delivering a comfortable and quiet environment.



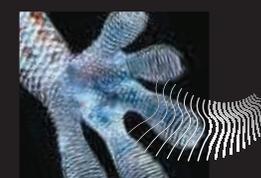
Warm while washable

Simple every day vacuuming removes any dirt or dust trapped in the dense nylon surface and steam cleaning or deeper mechanical cleaning with minimal detergent can be used after heavy soiling. Regular cleaning restores Flotex to its original appearance and the wide array of colours and designs in which Flotex is offered, remain as vibrant and lively as the day the floor was installed.



Safe but sound absorbing

Flotex provides both low in-room impact noise performance (class A) as well as good impact sound reduction (<20dB), ensuring a quiet room and a quiet building. Flotex also meets the HSE wet and dry slip resistance classifications for use on flat surfaces and ramps. A non-fray construction avoids trip hazards while the pattern, texture and grip of the surface represents best practice of the Equality Act.

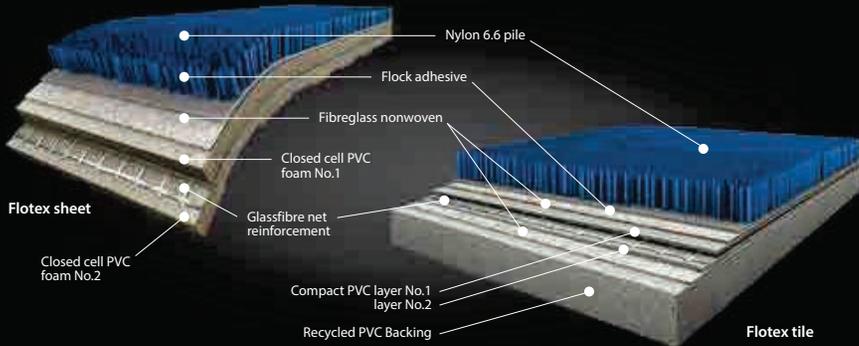



*As at June 2014

flotex[®]

the high tech textile

- Straight Nylon 6.6 fibres (flock) capture fine dust and allergens which are easily released when vacuumed
- 70 million fibres per m² deliver an extremely durable and slip resistant surface
- Cushioned backing provides comfort and acoustic performance
- Impervious backing makes Flotex suitable for mechanical wet cleaning
- Double strength glass fibre reinforcement results in excellent dimensional stability
- Flotex sheet contains approximately 22% recycled content
- Flotex tile contains approximately 67% recycled content



The anti microbial Sanitized[®] treatment of Flotex ensures consistent protection against bacteria without degradation through cleaning or vacuuming. It prevents the growth of dust mite populations. Therefore Flotex has a positive impact on the lives of allergy sufferers as daily vacuuming removes twice as many allergens compared to conventional carpets. That is why Flotex carries Allergy UK's seal of approval.

flotex[®]

a choice not a compromise

Flotex offers a completely different dimension in flooring as it combines all the hard wearing and durable characteristics of a resilient floor with the warmth and comfort of a textile floor covering. EN 1307, the European Standard which measures the performance of textile flooring, has recently annexed extra clauses to this standard to recognise that flocked floor coverings differ from textile flooring.

EN1307 annexe F – abrasion resistance

In this test, the pile surface of the flocked flooring is rubbed back and forth 1,000 times with a 2cm wide pointed metal blade loaded with a 2kg weight. The aim of the test is to establish the durability of the flocked flooring. At least 50% of the pile must be retained at the end of the test for the product to meet the standard's requirement. We test Flotex for 1,500 cycles and we achieve a much higher result than 50% of pile remaining.



Arrachometry or 'blade test'

Cleanability

Whether it's water soluble stains such as coffee, ketchup, coca cola, wine etc or greasy stains like butter, engine oil or permanent marker, all can be removed from Flotex. Just visit www.forbo-flooring.co.uk/flotex and watch our 'Clean and Care' video to see how the floor below was quickly and simply cleaned to look just like a new floor.



How does Flotex compare to other textile floor coverings?

	Flotex	Loop pile carpet tile	Cut pile carpet tile	Needlefelt sheet
Durability	●●●●	●●●	●	●●
Cleanability	●●●●	●	●	●
Ease of installation	●●●● (tile)	●●●●	●●●●	●
Hygienic and 'Allergy UK' approved	●●●●	-	-	-
Impermeability	●●●● (sheet)	-	-	-
Repairs to damage	●●●	●●●●	●●	-
Impact sound reduction	●●●	●●●●	●●●●	●●●
Underfoot comfort	●●	●●●	●●●●	●

the **flotex**[®] collection

Flotex Colour:

Three versatile and fresh designs make up the Flotex Colour collection: Metro, Calgary and Penang. Together they offer a range of 110 unique colourways, all available in sheet and tile and all complemented by 26 Artline borders. Flotex Colour ranges have no pattern repeats due to their Green Design.



Flotex Linear:

Represents a comprehensive choice of five linear designs in various colourways that complement commercial and educational environments, but also deliver playful effects for leisure, hospitality or retail spaces.



Flotex Naturals:

A special range of digitally printed flotex that delivers the appearance and texture of a real wood floor.



Flotex Vision:

An inspiring choice of over 500 digitally printed designs to suit every taste or requirement, right down to a 'colour on demand' option.



Flotex Sottsass:

This exclusive design collaboration between Forbo and Sottsass Association was borne out of the desire to work with an innovative flooring technology and its precision HD printing brings to life the avant-garde designs that clearly carry the Sottsass signature.



flotex[®] colour

Flotex Colour collection

Three versatile and fresh designs make up the Flotex Colour collection: Metro, Calgary and Penang. Together they offer a range of 110 unique colourways, all available in sheet and tile and all complemented by 26 Artline borders. Flotex Colour ranges have no pattern repeats due to their Green Design.

BREEM specific ratings for product ranges

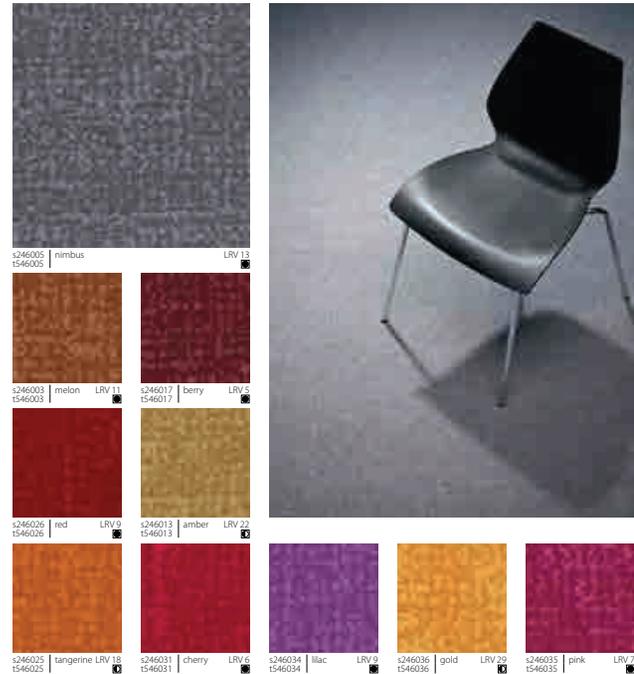
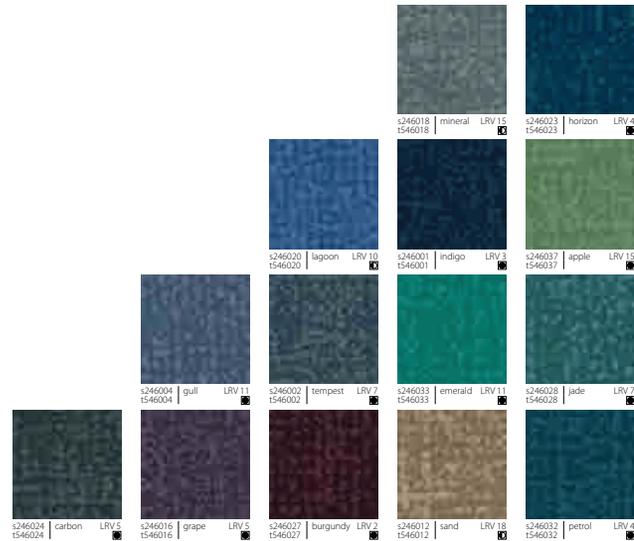
Product description	Building Type	Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
Flotex F50 tile with recycled backing	B	A	A	A	B	B	A+
Flotex F200 sheet with PVC backing	A	A	A+	A	A	A	A+

flotex[®] metro

flotex[®] penang

flotex[®] calgary

flotex[®] artline



flotex® metro neon

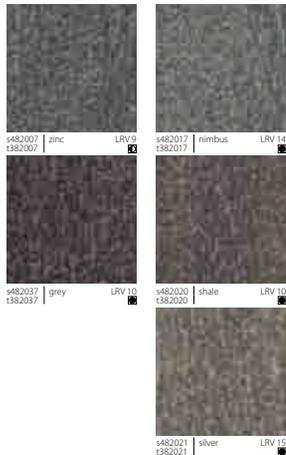


s = Sheet t = Tile

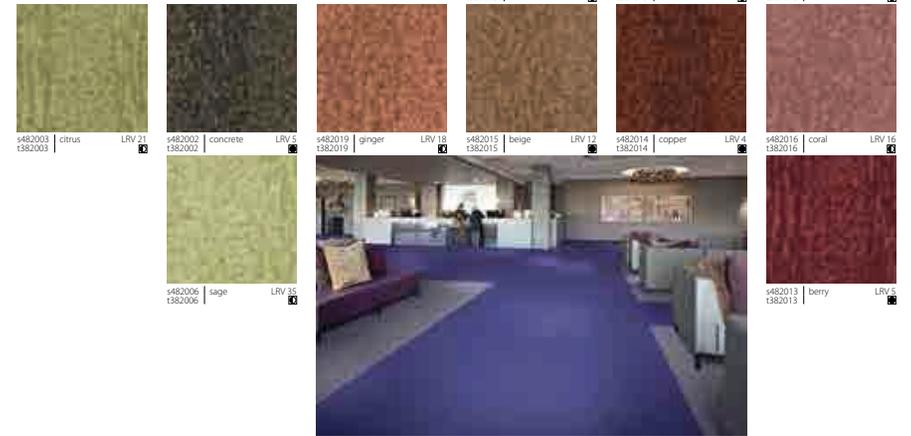
Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

s = Sheet t = Tile



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

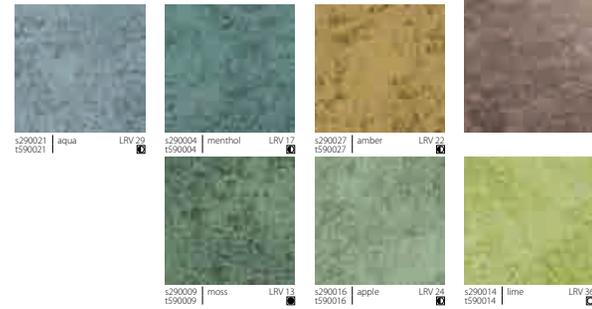
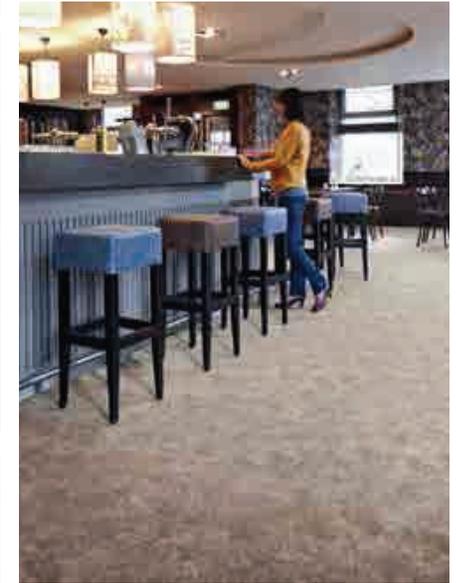
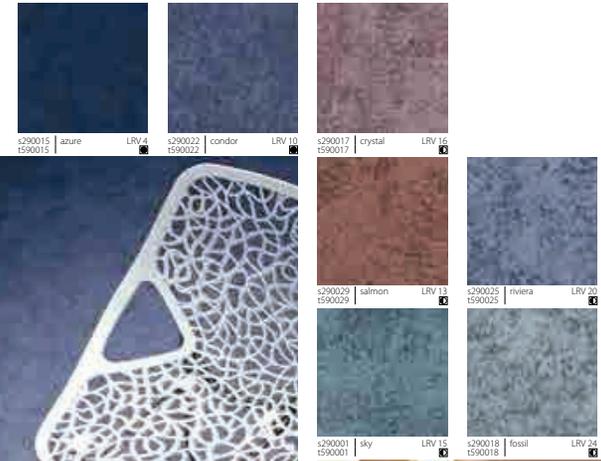


Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



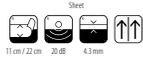
s = Sheet t = Tile

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

s = Sheet t = Tile



With artline you are able to make borders, creative features and delineators between colourways or even different designs. Artline is available in 11 or 22cm widths and matches the base shades of the various Flotex Colour and Linear designs.

● 11 cm wide ● 22 cm wide



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Flotex metro framed by 232050 | artline anthracite

Flotex Linear collection

Flotex Linear represents a comprehensive choice of 5 linear designs in various colourways that complement commercial and educational environments, but also deliver playful effects for leisure, hospitality or retail spaces.

BREEAM specific ratings for product ranges

Product description	Building Type	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
Flotex F50 tile with recycled backing	Commercial	A	A	B	B	A+
Flotex F200 sheet with PVC backing	A	A	A+	A	A	A+

flotex® integrity²

flotex® complexity

flotex® pinstripe

flotex® cirrus

flotex® stratus



flotex® integrity²



Muted colours, stylish design – Integrity² offers both. Create understated flooring designs using tessellation for this range. The effect is a subtle, sophisticated linear effect.

Available in tile format. 60cm x 60cm and 100cm x 100cm available on special request.



Integrity² | t350004 navy & Complexity | t550004 navy

colour | **linear** | naturals | vision | sottsass



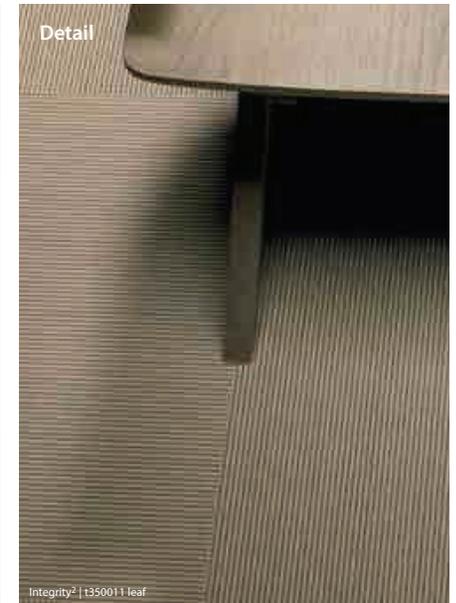
Integrity² | t350003 charcoal

Tessellated



Integrity² | t350011 leaf

Detail

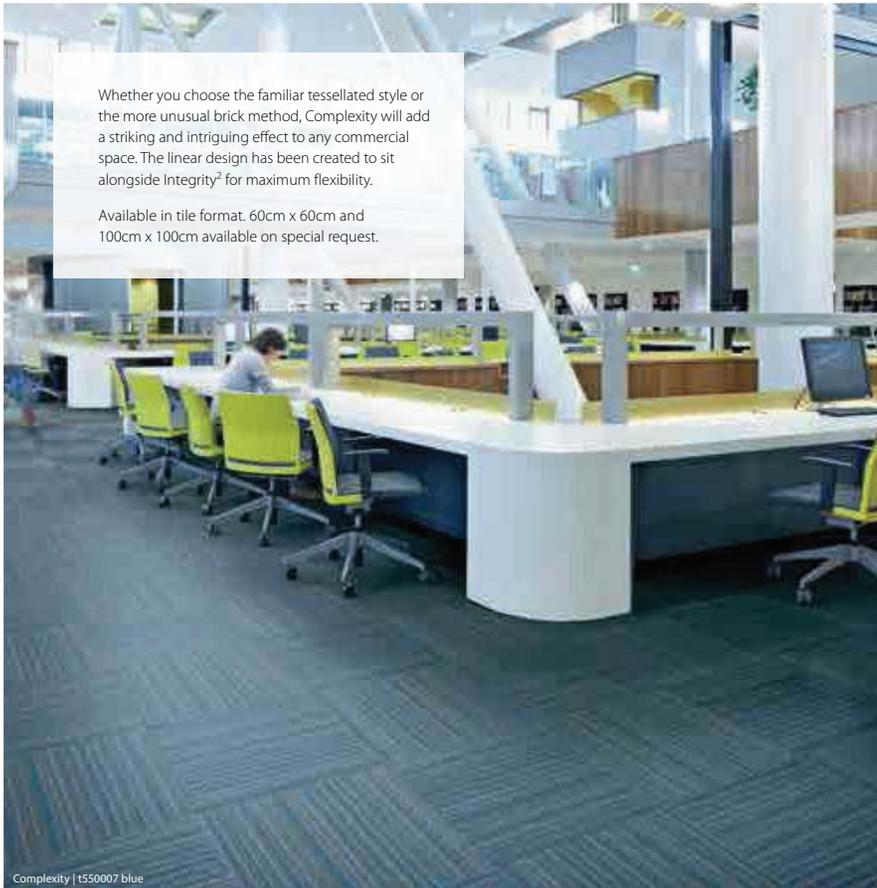
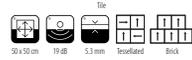


Integrity² | t350011 leaf



r = Tile

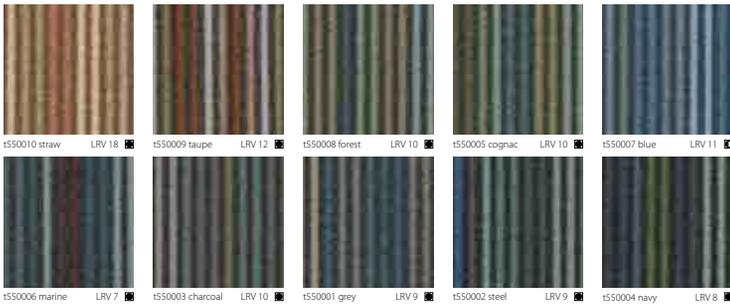
Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Whether you choose the familiar tessellated style or the more unusual brick method, Complexity will add a striking and intriguing effect to any commercial space. The linear design has been created to sit alongside Integrity² for maximum flexibility.

Available in tile format. 60cm x 60cm and 100cm x 100cm available on special request.

Complexity | t550007 blue



r = Tile

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Complexity | t550008 forest



Tessellated

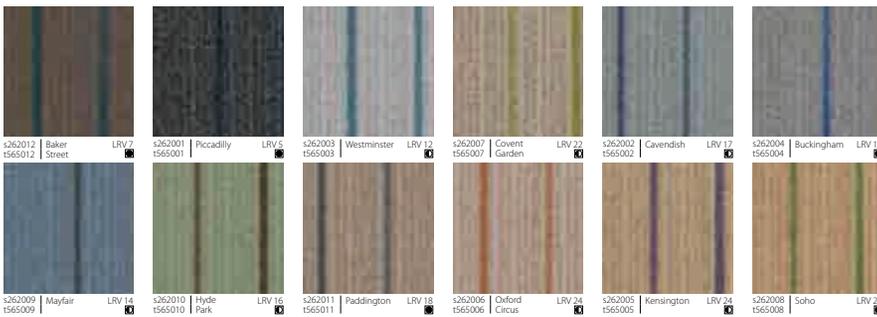
Complexity | t550002 steel



Brick

Complexity | t550002 steel

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

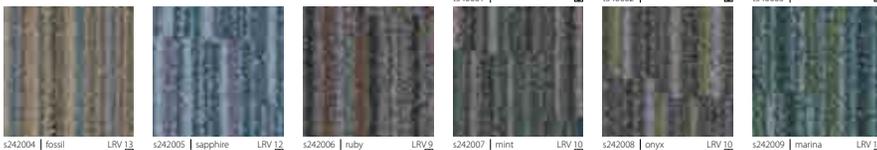


The variety of installation methods available for Stratus opens up a huge number of flooring design options and, when used alongside colours from the contemporary Cirrus design, the creative options become almost infinite.

Available in sheet and tile format. Tiles also available in 60cm x 60cm and 100cm x 100cm upon request.



Stratus | s242008 t540008 onyx & Cirrus | s270008 t570008 onyx



s = Sheet t = Tile

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Stratus | t540013 lava

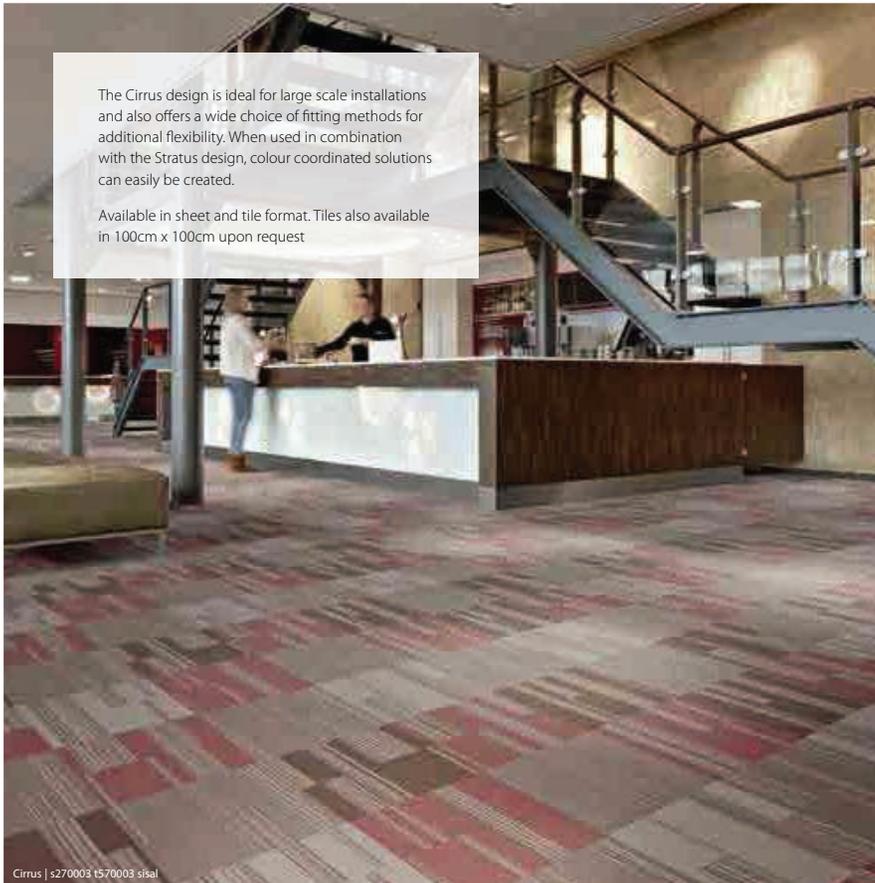


Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



The Cirrus design is ideal for large scale installations and also offers a wide choice of fitting methods for additional flexibility. When used in combination with the Stratus design, colour coordinated solutions can easily be created.

Available in sheet and tile format. Tiles also available in 100cm x 100cm upon request



Cirrus | s270003 t570003 sisal



Cirrus | t570004 fossil & Stratus | t540004 fossil



Half drop

Cirrus | t570014 eclipse



Brick

Cirrus | t570014 eclipse



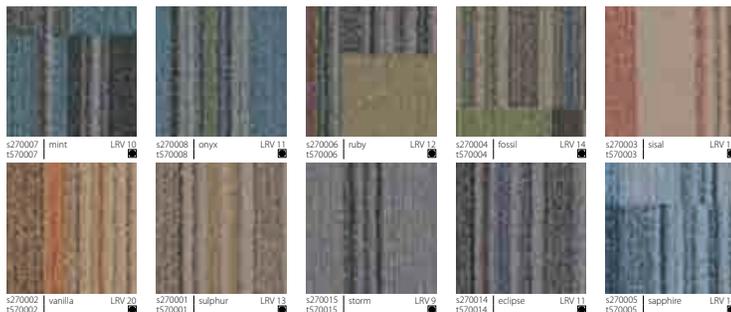
Broadloom

Cirrus | t570014 eclipse

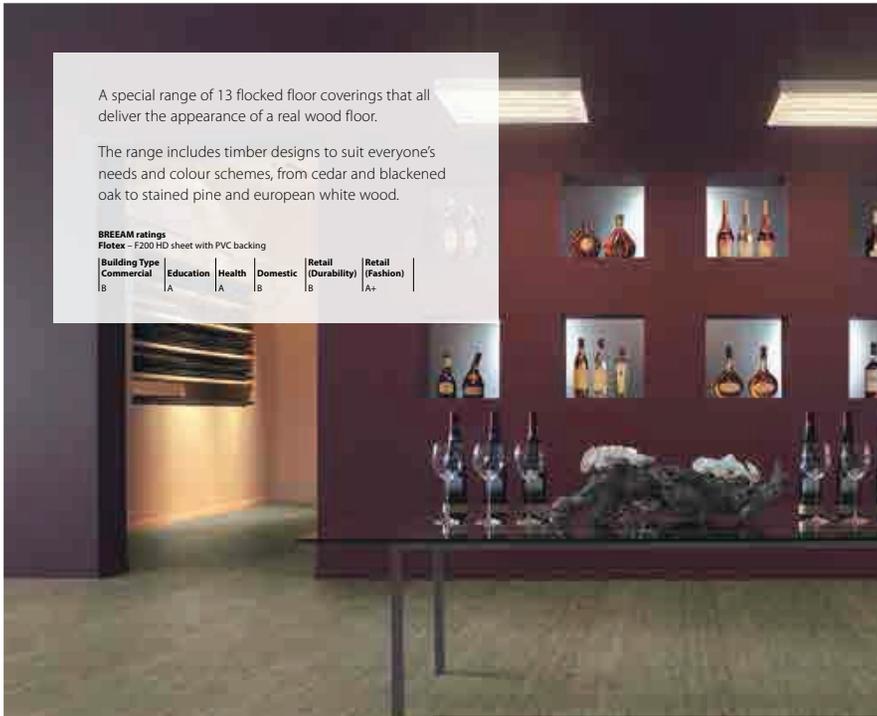


Tessellated

Cirrus | t570014 eclipse



s = Sheet t = Tile



A special range of 13 flocked floor coverings that all deliver the appearance of a real wood floor.

The range includes timber designs to suit everyone's needs and colour schemes, from cedar and blackened oak to stained pine and european white wood.

BREEM ratings

Flotex – F200 HD sheet with PVC backing

Building Type	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
Commercial B	A	A	B	B	A+



010039 european white wood



010039 european white wood Pattern repeat: 100 x 150cm HD LRV 230



010038 white oak Pattern repeat: 100 x 150cm SM LRV 30.0



010041 smoked beech Pattern repeat: 100 x 150cm SM LRV 28.0

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



010042 steamed beech Pattern repeat: 100 x 150cm HD LRV 26.0



010036 american oak Pattern repeat: 100 x 150cm SM LRV 20.0



010035 distressed oak Pattern repeat: 100 x 150cm SM LRV 19.0



010003 mixed wood antique Pattern repeat: 200 x 147.5cm SM



010053 golden oak Pattern repeat: 200 x 150cm SM LRV 14.0



010056 stained pine Pattern repeat: 100 x 150cm SM LRV 9.0



010055 chestnut Pattern repeat: 200 x 150cm SM LRV 9.0



010057 cedar Pattern repeat: 100 x 150cm SM LRV 12.0



010040 antique pine Pattern repeat: 100 x 150cm HD LRV 12.0



010037 blackened oak Pattern repeat: 100 x 150cm SM LRV 7.0

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

The **digital world** of Flotex vision

With Flotex Vision, Forbo offers a **unique collection** of **high definition digitally printed designs**

As Flotex has 70 million fibres per square metre, it provides a matt high density substrate for printing, enabling vibrant designs and true to life visuals that can be produced in high level photographic resolutions. All colours, tones and hues are achievable with Flotex Vision.

Fantastic effects

Flotex Vision offers an infinite number of design options ranging from abstracts with an intricate colour spectrum to realistic images of natural materials such as grass, sand and water. Nature can be brought indoors by creating a pebble beach or a field of clover and 3D effects or "trompe l'oeil" designs can also be produced allowing stunning effects on the floor.

Endless design options

Flotex Vision is also well suited for patterns and designs that require a precise level of visual detail and high definition, effects that cannot easily be achieved through conventional print. The Flotex Vision collection contains over 500 individual designs, ranging from traditional to contemporary, including many with a wide choice of colourways.

Colour your own or design your floor

Do you like a design but cannot find the colour you want, or do you want to match a design to your corporate colour scheme? Flotex Vision offers a large number of designs that can be recoloured by selecting the colours you want to use. If you have your own vision of what you want on the floor, we also offer a bespoke design service on request.

Just contact your local Forbo sales manager to find out more.

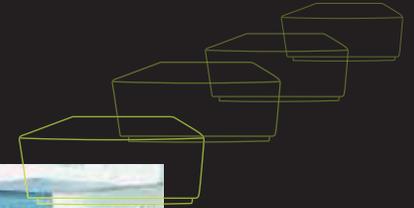
BREEM ratings

Flotex - F200 HD sheet with PVC backing

Building Type	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
Commercial	A	A	B	B	A+



246007 | metro ash
810011 | orbit everglade



660013 | firework crush



580023 | trace onyx



840001 botanical magnolia



The Flotex vision **digital library**

With over 500 individual items to choose from, plus the option to create your own colourway of several of the designs, or even a completely bespoke design, a sample book is never able to capture all the options that are available. Therefore Flotex Vision is available in a flexible and 'always up-to-date' online digital library.

The designs in Flotex Vision fall into six broad categories, each of them representing a different design direction. New Flotex Vision designs will be regularly added to our on-line library which already contains over 500 different designs and colour ways.

The six design directions are as follows:



Floral

A selection of eight floral designs, ranging from abstract, graphic flower motives to romantic images of roses and butterflies. There are also flower designs that are ideal for children's nurseries. Each of the eight design types in this category is available in a variety of colourways.



Linear

Eight line or stripe designs, each with their own characteristics, ranging from muted and sophisticated colourways to very complex and multi-colour.



Shape

A collection of organic shapes and motives delivering beautiful all-over patterns, including both contemporary and traditional designs.



Pattern

The intricate play of networks and patterns creates a textured, non-directional visual. Each design in this category is available in a number of colourways.



Image

This design category contains a wide variety of photographic images that have been transformed into interesting and unique floors. Grass, sand, water drops, buttons or street maps are just some of the possibilities amongst the wide range of images.



Naturals

This collection offers photorealistic images of natural materials such as wood, stone, ceramics or cork floors. The design technology creates amazingly realistic floors but with the added benefit of improved acoustics, slip resistance and reduced maintenance costs. The Naturals collection shown on page 36 represents our stocked range of wood designs.

Go online and discover over **500 designs** for your floor

Find your design in 4 easy steps:

1. Access www.forbo-flooring.co.uk/flotexvision
2. Choose your main design entry in the library (1 out of 6 entry options)
3. Choose the collection you like
4. Choose the colour you like... and order your sample online



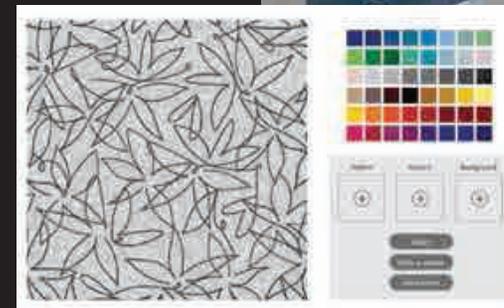
Colour your vision

Several of the Flotex Vision designs provide the option to create your own colourway, allowing you to match the floor to your interior design or corporate identity colours. Simply select differing colours from the colour selector in the digital library and order a sample.



View rooms in hundreds of floor designs

Explore online how you can customise your floor designs.



Create your own Flotex Vision design...

Cannot find what you like, or have a great idea for a floor? Upload your image or design request into the Flotex Vision digital Library and we will contact you to discuss your request. Flotex Vision floors come in any size or form, from the smallest 6m² room to a 50,000m² conference centre. Try Flotex Vision and let us colour your floor.

www.forbo-flooring.co.uk/flotexvision

Daring design.
Inspirational flooring.

BREEAM ratings

Flotex - F200 HD sheet with PVC backing

Building Type	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
Commercial B	A	A	B	B	A+

flotex® bacteria

flotex® terrazzo

flotex® wool

flotex® kasuri

At the crossroads of art, design and architecture, the work of Ettore Sottsass represents the birth of non-conformist Italian design, somewhere between the industrial and the experimental. A prominent figure in Italian design since the 1950's, this ingenious free thinker sought to explore every creative avenue with a non-conformist attitude that was both assuming and audacious.

Whether designer, architect, sculptor, artist or photographer, Ettore Sottsass has left his mark and his commitment in his global view of the environment and space, through his sculptures, jewellery, artwork, furniture, and industrial objects. Today, many designers and architects emulate his spiritual heritage, radical in its stance against functionalism.

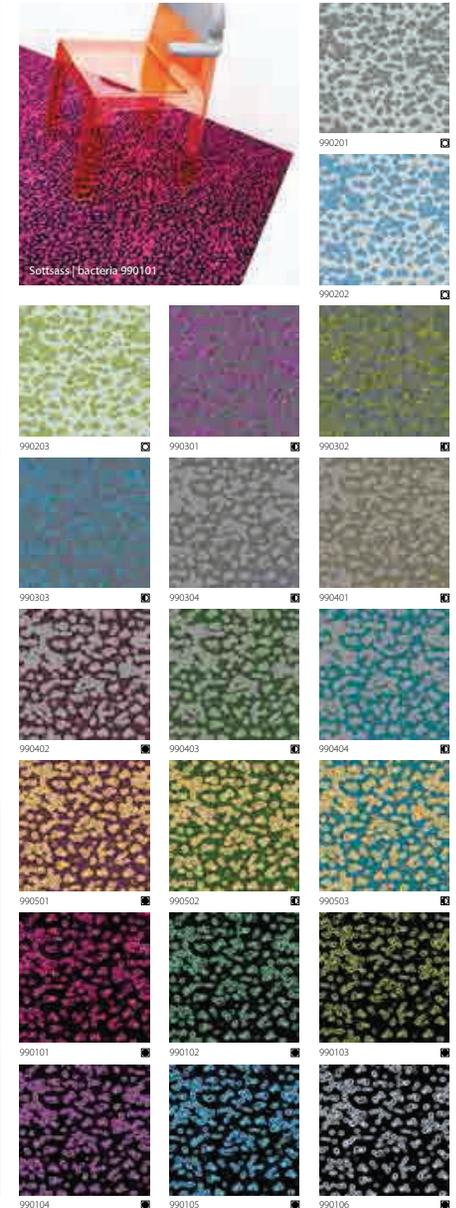
The exclusive design collaboration with Flotex was borne out of the desire to work with an innovative flooring technology and its precision HD printing brings to life the avant guard designs that clearly carry the Sottsass signature.

Christopher Redfern

Head of the Sottsass Association with designer Ernest Mourmans, he has produced award winning articles for Alessi, Seiko and Cartier. In 1999 he founded his own architecture studio which specialises in interior architecture.



In Bacteria, Redfern has taken one of Ettore Sottsass' signature designs, created in the late 1970's, a 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 yet from afar it appears as a constellation of distant stars. Bacteria is available in 20 colourways.

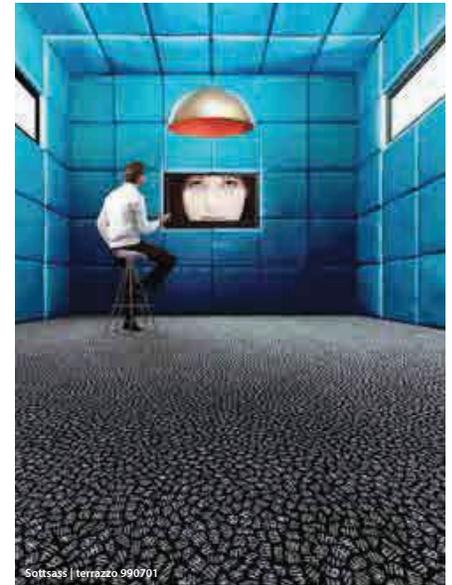


Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.



Terrazzo by Sottsass is a witty "twist" on the concept of Italian Terrazzo (a traditional flooring created several hundred years ago when Venetian workers found a use for discarded marble remnants). Sottsass Associati has developed this idea to give the impression of a beautifully laid Mediterranean terrazzo floor. However, on closer inspection, the "chips" in Terrazzo are revealed as pieces of torn paper – each holding its own story – a shredded love letter or a business document? It's left to the individual to decide and to create their own narrative. Terrazzo is available in 13 colourways.



Sottsass | terrazzo 990701



Sottsass | terrazzo 990703

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

The Wool design was conceived by Ettore Sottsass when he laid filaments of wool yarns, collected from various countries, onto a flat, coloured surface. It plays on the textures of the individual strands of the natural fibres to give a sense of depth and warmth to the floor along with a defined linear pattern that can dramatically shift the perspective of interior spaces. Wool is available in 12 colourways.



Sottsass | wool 990608

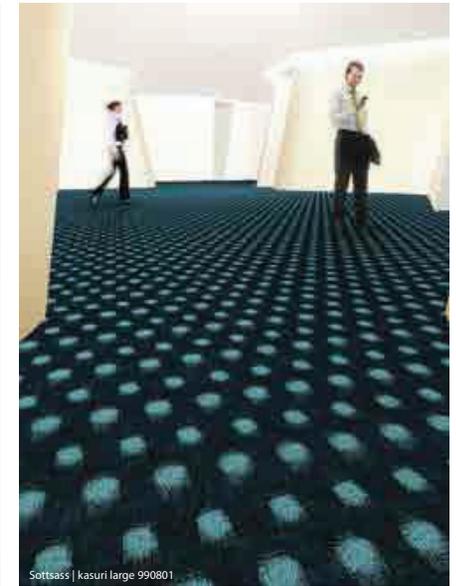
Sottsass | wool 990601



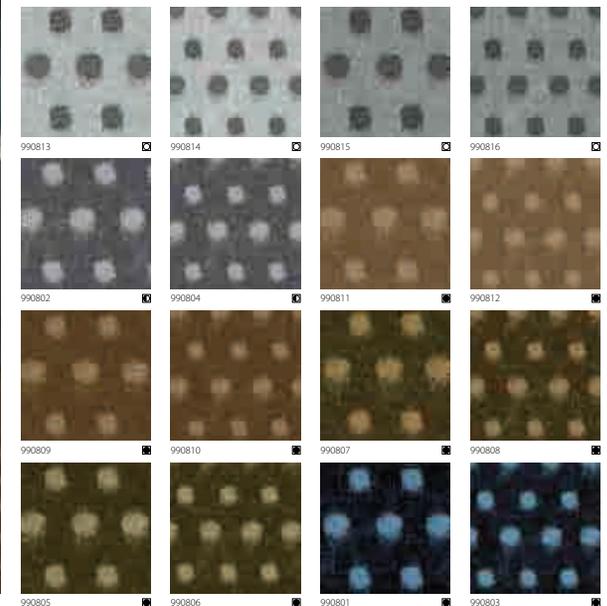
Kasuri draws its inspiration from the traditional Japanese woven textile technique used to create the eponymous fabric. Redfern uses the digital pixel in the fusion of contemporary and traditional references inherent in this design. Kasuri is available in two scales of design, each in eight colourways.



Sottsass | kasuri large 990809



Sottsass | kasuri large 990801

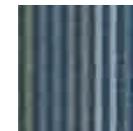


Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.

Flotex and education

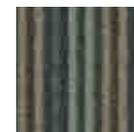
Educational establishments are places for both learning and recreation with many areas of the building having multiple uses. Libraries, classrooms, gymnasiums, dining rooms, corridors and reception areas may have differing flooring requirements but still need to provide integrated and co-ordinated flooring schemes. Flotex, alongside the full Forbo portfolio (see page 6) is able to deliver a wide diversity of product for all educational establishments, ranging from nurseries through to universities. With excellent acoustic properties, Allergy UK approval, slip resistant properties and proven cleanability, Flotex is an ideal flooring for educational establishments.



t550007 | complexity blue



s287002 | metro neon zest
t587002



t550008 | complexity forest



Clean air improves school results

Using Flotex in classrooms can have a positive impact on the lives of allergy sufferers as daily vacuuming removes twice as many allergens compared to conventional carpets. That's why Flotex carries Allergy UK's Seal of Approval.



s482003 | penang citrus
t382003

Flotex and retail

Branding is one of the key elements of being a successful retailer. Flotex and the Forbo product portfolio offers a diverse range of coordinated flooring solutions which allow for creative personalisation of a retail space. The non-fray construction of Flotex makes it ideal for logo designs and as Flotex tiles can be installed with tackifier, they provide the retailer with maximum flexibility for layout changes of the retail floor space. Some examples of possible combinations in this sector are shown here.



990809 | sottsass kasuri large



1350003 | integrity charcoal



232050 | artline anthracite



s246013 | metro amber



s246017 | metro berry



s246003 | metro melon



s246027 | metro burgundy

Stores, stores, stores...

Whether fashion, electronics, food, gifts, literature or department stores, there's a Forbo design to meet your needs.

Flotex and office

Office space varies widely in terms of size and use ranging from individual offices, open plan areas, meeting rooms, conference areas, receptions to office canteens and restaurants. The quality of the office environment can have a significant impact on the productivity and well-being of employees so it's important to choose finishes carefully. Flotex is approved by Allergy UK for the positive effect it has on the lives of allergy sufferers and the excellent acoustic properties make it ideal for larger or open plan offices. Flotex tiles are adhered with tackifier making them suitable for offices where frequent layout changes are required and, as the Flotex tile ranges are available in larger sizes up to 100cm x 100cm, it's a very flexible offering.

Some examples of how Flotex can be used in the office environment are shown here.



s287006 | metro neon shock
t587006



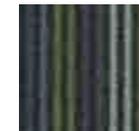
s246007 | metro neon ash
t546007



s262011 | pinstripe Paddington
t565011



s262001 | pinstripe Picadilly
t565001



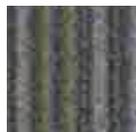
t550004 | complexity navy



t350004 | integrity² navy



s270008 | cirrus onyx
t570008



s242008 | stratus onyx
t540008



s242013 | stratus lava
t540013



Easy installation with Flotex tiles

Tiles are the preferred flooring format in offices due to the ease and speed of installation, storage, flexibility of design and the use of raised access floors. All the designs in the Flotex Colour and Linear ranges are available in tile format so you can choose which one suits you best.

Flotex and leisure & hospitality

Hotels, gyms, restaurants, conference rooms should make you feel welcome and reflect the unique identity of the venue or brand. Flotex offers a very broad colour palette and multiple formats making it ideal for creating a distinctive and individual flooring design yet retaining all the practical benefits of excellent acoustics, hygiene and cleanability.

Some examples of how Flotex can create striking combinations in this sector are shown below.



5482009 | penang mineral
1382009



5482020 | penang shale
1382020



5290023 | calgary espresso
1590023



5290026 | calgary linen
1590026



990602 | sottsass wool



5482017 | penang nimbus
1382017



5482024 | penang purple
1382024



010035 | naturalis distressed oak

Atmosphere and Character with Flotex

The perfect match for leisure and hospitality. The warmth and acoustics of a textile floor covering with the cleanability of a resilient. Flotex is a choice, not a compromise.

Flotex and healthcare, aged care and assisted living

Healthcare institutions should be caring, tranquil environments. Colour and design can help to create comforting environments that aid the wellbeing of patients and softens the appearance of the clinical environment while still meeting all the required performance attributes, including cleanability and hygiene.

Some examples of how Flotex can be used in the health care sector are shown below.



010036 | naturals american oak



1482037
1382037 | penang grey



s242004
t540004 | stratus fossil



s270004
t570004 | cirrus fossil



540005 | vector lime

A homely feel without any drawbacks

Being in a health care location requires a surrounding that feels as comfortable as possible so that it can contribute to a healing environment. In aged care and assisted living, the homely feel is key to create the right atmosphere for all residents.

Technical specifications

Flotex sheet and tile meet the requirements of EN 1307

		sheet	tile
	Total thickness	ISO 1765	4.3 mm
	Commercial use	EN 685	Class 33 heavy
	Roll width	2.0 m	-
	Roll length	30 m	-
	Tile size	-	50 x 50 cm
	Quantity of tiles per box	-	12 (3m ²)
	Total weight	ISO 8543	1.8 kg/m ²
	Dimensional stability	ISO 2551 / EN 986	< 0.2%
	Abrasion resistance	EN 1307 annex F	> 1000 cycles
	Castor chair continuous use	EN 985	r = ≥2.4 continuous use
	Light fastness	EN ISO 105-B02	≥ 6
	Slip resistance	UK SRG pendulum	Dry – very low slip risk Wet – low slip risk
	Acoustical	EN-ISO 717-2	Impact sound ΔLw = 20 dB
	Water tightness	EN 1307 annex G	Pass
	Creating better environments		
	Renewable electricity	Flotex is manufactured using 100% electricity made from renewable sources	
	Recycled content	Flotex sheet contains approximately 22% recycled content by weight Flotex tiles contain approximately 67% recycled content by weight	
	Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor	
	Ska	Flotex meets the Ska Rating criteria for M12 soft floor coverings in both office and retail schemes	
	LCA	LCA is a foundation for securing the lowest environmental impact	
	Flotex meets the requirements of EN 14041		
	Reaction to fire	EN 13501	B _{fl} -s1
	Slip resistance	EN 13893	DS: ≥ 0.30
	Body voltage	ISO 6356	< 2 kV
	Thermal conductivity	ISO 8302	0.048 m ² K/W

Recommended adhesives

Our recommended adhesive for the Flotex collection is Eurosafe Special 540 or Eurostar Special 640.

Our recommend adhesive for Flotex tile installations is 542 Eurofix Tack Plus tackifier.

BREEAM specific ratings for product ranges

Product description	Building Type Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
Flotex F50 tile with recycled backing	B	A	A	B	B	A+
Flotex F200 sheet with PVC backing	A	A	A+	A	A	A+

Technical specifications

Flotex Naturals, Vision and Sottsass sheet meet the requirements of EN 1307

	Total thickness	ISO 1765	4.3 mm
	Commercial use	EN 685	Class 33 heavy
	Roll width	2.0 m	
	Roll length	30 m	
	Total weight	ISO 8543	1.8 kg/m ²
	Dimensional stability	ISO 2551 / EN 986	< 0.2%
	Abrasion resistance	EN 1307 annex F	> 1000 cycles
	Castor chair continuous use	EN 985	r = ≥2.4 continuous use
	Light fastness	EN ISO 105-B02	≥ 6
	Slip resistance	UK SRG pendulum	Dry – very low slip risk Wet – low slip risk
	Acoustical	EN-ISO 717-2	Impact sound ΔLw = 20 dB
	Water tightness	EN 1307 annex G	Pass
	Creating better environments		
	Renewable electricity	Flotex is manufactured using 100% electricity made from renewable sources	
	Recycled content	Flotex sheet contains approximately 22% recycled content by weight	
	Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor	
	Ska	Flotex meets the Ska Rating criteria for M12 soft floor coverings in both office and retail schemes	
	LCA	LCA is a foundation for securing the lowest environmental impact	
	Flotex meets the requirements of EN 14041		
	Reaction to fire	EN 13501	B _{fl} -s1
	Slip resistance	EN 13893	DS: ≥ 0.30
	Body voltage	ISO 6356	< 2 kV
	Thermal conductivity	ISO 8302	0.048 m ² K/W

Recommended adhesives

Our recommended adhesive for the Flotex collection is Eurosafe Special 540 or Eurostar Special 640.

BREEAM specific ratings for product ranges

Product description	Building Type Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)
Flotex F200 HD sheet with PVC backing	B	A	A	B	B	A+

Flotex usage classification

As with any product, colour and design influence the appearance retention of the floor. Likewise, 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 referred to when taking into consideration such things as type and level of traffic in the chosen application area. The classification is shown alongside each colour and design in this brochure.

 Superior appearance rating

 Good appearance rating

 Moderate appearance rating

Cleanable surface finish

When prescribed cleaning procedures are followed, Flotex outperforms any textile floor covering in appearance. Its smooth upright nylon 6.6 fibres allow dirt to be easily removed. No dry dirt is trapped by any loops or twists (as can happen with standard carpet) and the vacuum action reaches the very base of the pile, meaning that all dirt is removed.

The vinyl base combined with the nylon 6.6 flocked finish allows the floor covering to be fully cleaned with water and detergents. Steam cleaning or mechanical cleaning methods can also be applied resulting in cleaner floors. Flotex is therefore the only truly waterproof textile floor covering which enables the floor to be restored quickly and easily even after heavy soiling.



Vacuuming Flotex



Vacuuming conventional carpet

Forbo FloorCare method

Flotex sheet and tiles

The use of an effective entrance flooring system (for example Forbo Nuway and Coral ranges) can significantly reduce the volume of soiling reaching floor coverings and, together with a regular cleaning programme, will help retain optimum appearance.

Cleaning after installation



- Vacuum clean the floor using an upright vacuum cleaner with a mechanically powered brush to remove loose particulate soiling
- Most spills should respond to the use of clean warm water however, some spills may require the use of a neutral non-foaming carpet detergent
- Rinse thoroughly and remove excess water
- Allow the floor to dry before use

Regular cleaning



- Vacuum clean the floor using an upright vacuum cleaner with a mechanically powered brush

As part of regular cleaning, the use of one of the following mechanical carpet cleaning machine methods is recommended:

- Hot water extraction
- 3 in 1 machine
- Cylindrical counter rotating brush machine

- Rinse floors thoroughly after cleaning with clean water
- Allow the floor to dry before use

Please note: only neutral non-foaming carpet detergents suitable for nylon fibres should be used. Do not use bleaching agents as these may damage the product and affect the colour.

For further cleaning information and advice please contact Forbo Flooring.

Design service



Plan design for Loughborough University, voted 'Installation of the Year' by a panel of experts.

Plan design

Our in-house design team at Forbo can help bring your ideas to life with their free Plan Design Service. Whether you are taking inspiration from one particular product which needs to be carried through the plan, or whether you simply need to see your scheme in the flesh, we can create plan boards of your design complete with product samples. For areas that have specific requirements such as safety flooring or acoustic flooring, our team can offer help and advice on the best products to meet your needs, all designed to work with your visualisation.

For more information on this free service please contact our Design department on 01772 332 620.

Forbo room planner

Alternatively, our brand new room planner on the web site allows you to drop products from across our entire portfolio into a selection of room shots, giving you the freedom to visualise how your scheme will look.



For more information, please visit www.forbo-flooring.co.uk/roomplanner

The next step

For further information on any of the products in this brochure, please don't hesitate to contact us on the number below and we'll be pleased to send you additional literature and samples as required.

If you would like any further details on any product within the Forbo portfolio.



Please contact
info.flooring.uk@forbo.com
www.forbo-flooring.co.uk
Tel: 0800 731 2369

Downloads and samples from www.forbo-flooring.co.uk

All the information you need, available at the click of a button, any time of the night or day, seven days a week, 365 days a year.

The downloads and samples section allows you to access the broad variety of literature we have available such as BIM models, product specifications, NBS Specifications, BRE ratings,

Material Safety Datasheets, brochures and Cleaning & Installation information. Please visit www.forbo-flooring.co.uk/downloads

Samples can also be ordered via the web using the online sample basket or by calling **0800 731 2369**.

bimstore.co.uk

London EC1 showroom

Forbo's EC1 showroom is the ideal place to visit when you're looking for that 'perfect colour' or just want to see a wider range of products.

Our full portfolio of brands is on display including Tessera and Westbond carpet tiles, Marmoleum, project vinyl ranges, entrance systems and designs from our Flotex collection.

Why not pop in and enjoy some hospitality while looking at the products or discussing a project with one of our advisors.

We look forward to seeing you.

Visit our showroom:
London EC1 Showroom
79 St John Street
Clerkenwell
London
EC1M 4NR
Tel: 0207 553 9300

Opening hours:
Monday - Friday 9.00 am - 4.00 pm



The information in this brochure is correct at the time of going to press. Forbo Flooring UK Limited reserves the right to make changes to the specification and colour of its products from time to time and goods supplied may not conform exactly to those shown in this brochure. Collection updates and content may be updated quarterly.

Please note: Digital representations may vary from the actual product. Please order a sample to see the full effect. Contact 0800 731 2369.