

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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flotex[®] tile bionic**flooring**performance



Forbo
FLOORING SYSTEMS

creating better environments

Forbo
FLOORING SYSTEMS

creating better environments

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Three new **inspiring** Flotex collections



Flotex Colour: showing three individual designs in a rhapsody of colour that offers you the choice for selection of the detail and nuance that you are looking for.



Flotex Linear: represents a comprehensive choice of 5 linear designs in various colour ways that suit office environments, but also deliver playful effects for leisure, hospitality of retail spaces.



Flotex Vision: an overwhelming choice of over 600 digitally printed designs to suit every taste or requirement, right down to a colour on demand option.

Flotex bionic flooring performance

Bionic technology combines biological methods and systems that are found in nature with man-made products and processes. This transfer of technology from the living fauna and flora help to create optimized and highly efficient products. Classic examples of bionic technologies is the development of water and dirt repellent surfaces that also can be observed from the leaves of the lotus flower.

Flotex is neither a true textile, nor is it an resilient and its unique construction succeed in combining the best of both worlds, suitable for use in commercial environments however demanding the conditions. Approximately 80 million minute nylon 6.6. fibres (flock) are as strong as a bamboo construction, yet creating the comfort of a moss surface. Precision printing technologies used to manufacture Flotex

mimic the rich colour pallet that can be found in nature to the smallest detail. Slip resistant in wet and dry conditions (R12), imitating the functions of the Gecko's feet. Like a honey bee collects and distributes pollen on the stems by hovering between flowers, the Flotex surface captures fine dust and allergens from the air and releases this completely during a simple basic cleaning action.

As such Flotex is the high tech textile that offers bionic performance, available in both sheet and tile.



The anti microbial Sanitized® treatment of Flotex ensures consistent protection against bacteria without degradation through cleaning or vacuuming. It also suppresses the growth of dust mite populations. Therefore Flotex 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. That is why Flotex carries the British Allergy Foundation seal of approval.



Flotex

A choice, not a compromise

Flotex is a high tech textile which brings together the world of resilients and textiles connecting key performance indicators into one single product, that delivers all you can expect from an innovative flooring solution.

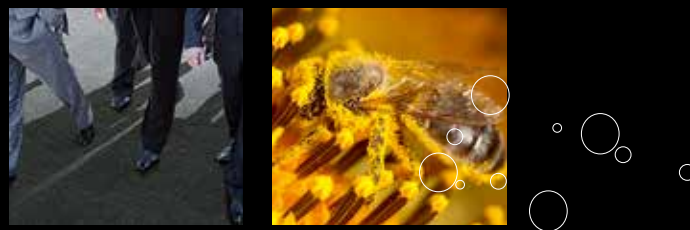
Durable and comfortable

Discover the toughness and durability of Flotex which comes as a result of the 80 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 perform in sound absorption and comfort, they also capture allergens and fine dust from the air, all of which they effortlessly release in any cleaning action in both dry and wet conditions. Through its construction Flotex is protected against mould and odour's whilst keeping up its appearance, as the floor restores to mint condition after every cleaning action.



Warm while washable

Simple every day vacuuming removes any dirt or dust trapped in the dense nylon surface. However also steam cleaning or deeper mechanical cleaning can be used after heavy soiling, requiring a minimum of traditional detergents. Simple cleaning action already restores Flotex to its original appearance. 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

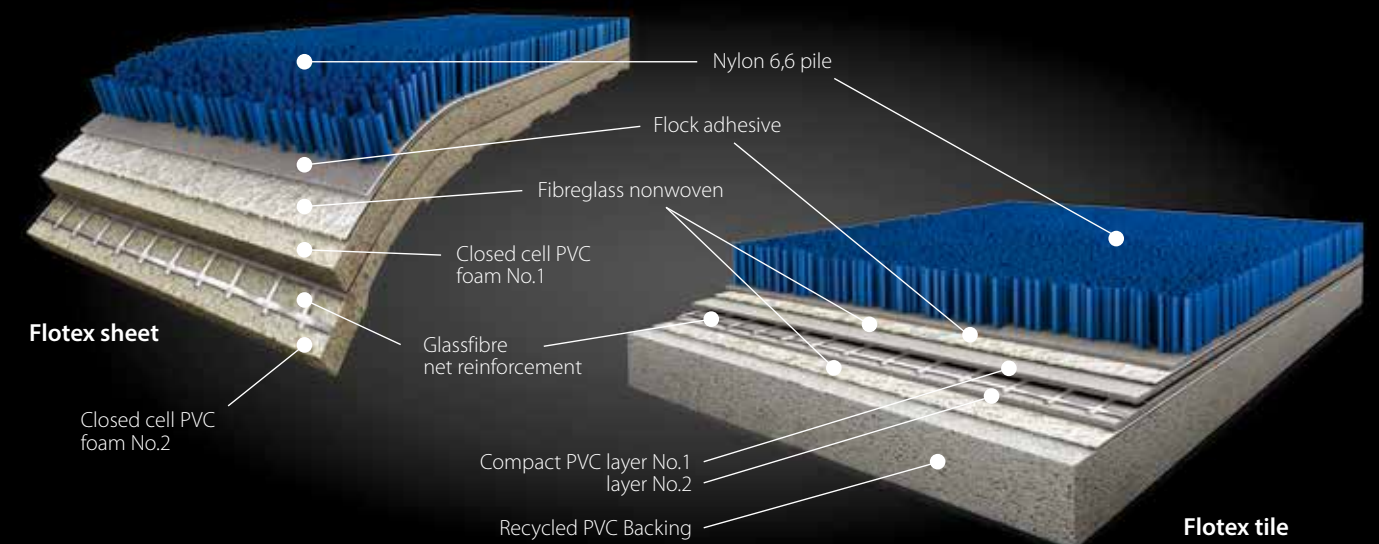
Flotex provides both low in-room impact noise performance (class A) as well as good impact sound reduction (>20dB), meaning a quiet room and a quiet building. Flotex also meets the wet and dry slip resistance classifications for use of flat surfaces and ramps.



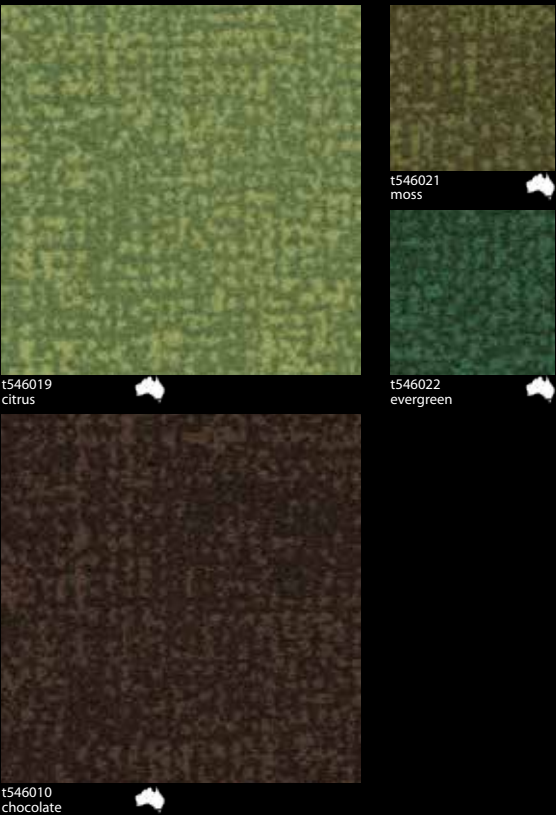
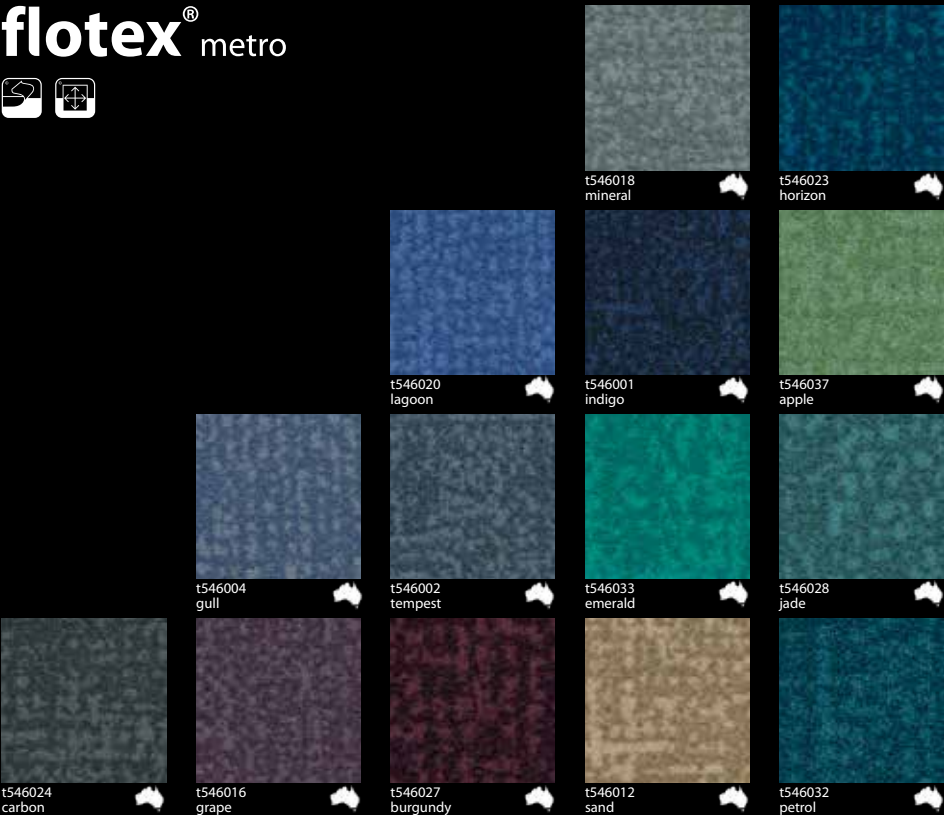
Flotex,

the high tech textile

Flotex Flocked Flooring is a completely unique textile flooring that combines the hard wearing and durable characteristics of a resilient floor with the quality, warmth and comfort of a carpet. Flotex is made up from a solid vinyl, reinforced 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 optics of a textile floor covering, whilst being 100% waterproof functional and durable as well as easy to clean as any resilient floorcovering. Flotex is available in both Sheet and Tile formats.



flotex[®] metro



flotex[®] metro neon



flotex® penang





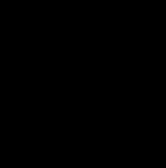


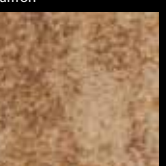


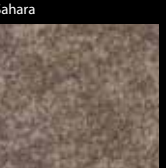
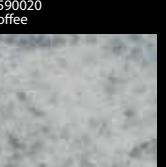



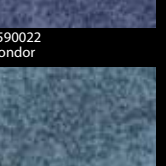




 t382012 red	 t382022 amber	 t382024 purple	 t382026 neptune	 t382011 sapphire
 t382116 azure	 t382008 tempest	 t382044 gull	 t382001 anthracite	 t382004 mercury
 t382031 ash	 t382007 zinc	 t382017 nimbus	 t382037 grey	 t382020 shale
 t382009 mineral	 t382010 evergreen	 t382025 forest	 t382114 chocolate	 t382108 pepper
 t382023 dusk	 t382073 brick	 t382014 copper	 t382018 bamboo	 t382016 coral
 t382015 beige	 t382019 ginger	 t382002 concrete	 t382003 citrus	 t382006 sage




t382013
berry

flotex® calgary



 t590012 cement	 t590019 carbon	 t590002 grey	 t590010 ash	 t590031 cherry
 t590028 ginger	 t590008 saffron	 t590024 fire	 t590003 red	
 t590013 caramel	 t590007 suede	 t590006 Sahara	 t590005 smoke	
 t590011 quartz	 t590026 linen	 t590023 espresso	 t590020 toffee	
 t590030 spa	 t590015 azure	 t590022 condor	 t590001 sky	 t590004 menthol
 t590029 salmon	 t590017 crystal	 t590025 Riviera	 t590018 fossil	 t590009 moss
			 t590021 aqua	 t590016 apple
				 t590027 amber
				 t590014 lime

flotex® integrity²



t350005
cognac



t350008
forest



t350006
marine



t350012
granite



t350001
grey



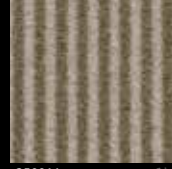
t350004
navy



t350009
taupe



t350010
straw



t350011
leaf



flotex® complexity



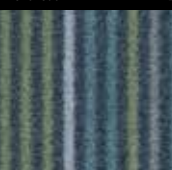
t550009
taupe



t550008
forest



t550007
blue



t550005
cognac



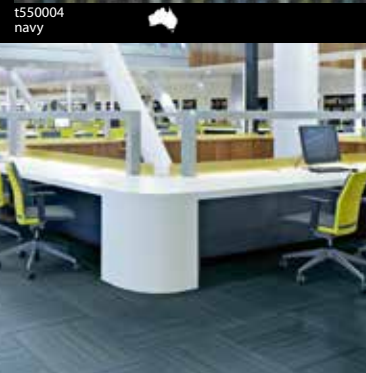
t550001
grey



t550004
navy



t550002
steel



t550006
marine



t550003
charcoal



flotex® pinstripe



t565012
Baker Street



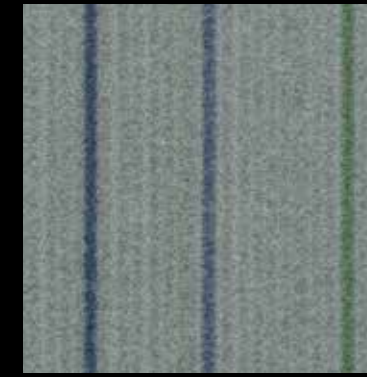
t565001
Piccadilly



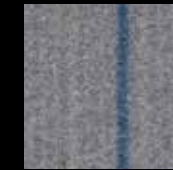
t565003
Westminster



t565007
Covent Garden



t565002
Cavendish



t565004
Buckingham



t565010
Hyde Park



t565011
Paddington



t565006
Oxford Circus



t565005
Kensington



t565008
Soho



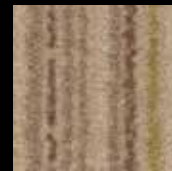
flotex

colour | linear | vision

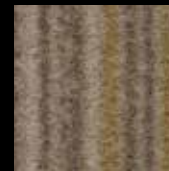
flotex® stratus



t540001
sulphur



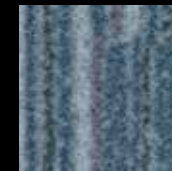
t540002
vanilla



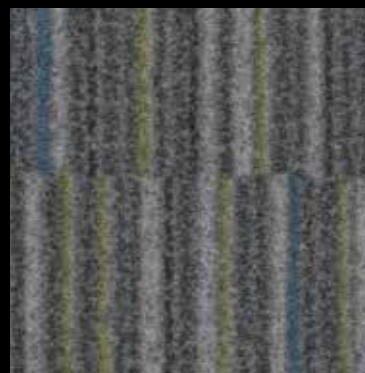
t540003
sisal



t540004
fossil



t540005
sapphire



t540008
onyx



t540006
ruby



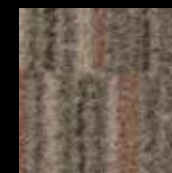
t540007
mint



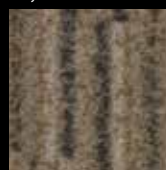
t540009
marina



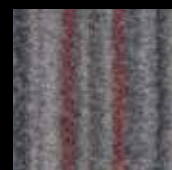
t540010
horizon



t540011
leather



t540012
walnut



t540013
lava



t540014
eclipse



t540015
storm

Installation methods



Ashlar



Brick



Chequerboard



Broadloom

Flotex Stratus is also available in Flotex Sheet 2M wide, distributed through Karndean Design Flooring

flotex® cirrus



t570007
mint



t570008
onyx



t570006
ruby



t570004
fossil



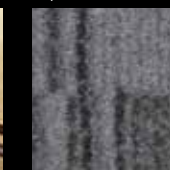
t570003
sisal



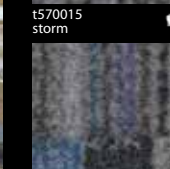
t570002
vanilla



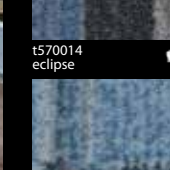
t570001
sulphur



t570015
storm



t570014
eclipse



t570005
sapphire

Installation methods



Ashlar



Brick



Chequerboard



Broadloom

Flotex Cirrus is also available in Flotex Sheet 2M wide, distributed through Karndean Design Flooring

The digital world of Flotex vision

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

Due to the fact that Flotex has up to 80 million fibres per square metre, it provides a uniquely high density substrate for printing. As a result vibrant designs and true to life visuals can be printed in high level photographic resolutions. All desired colour shades, -tones and -hues can be achieved.

Fantastic effects

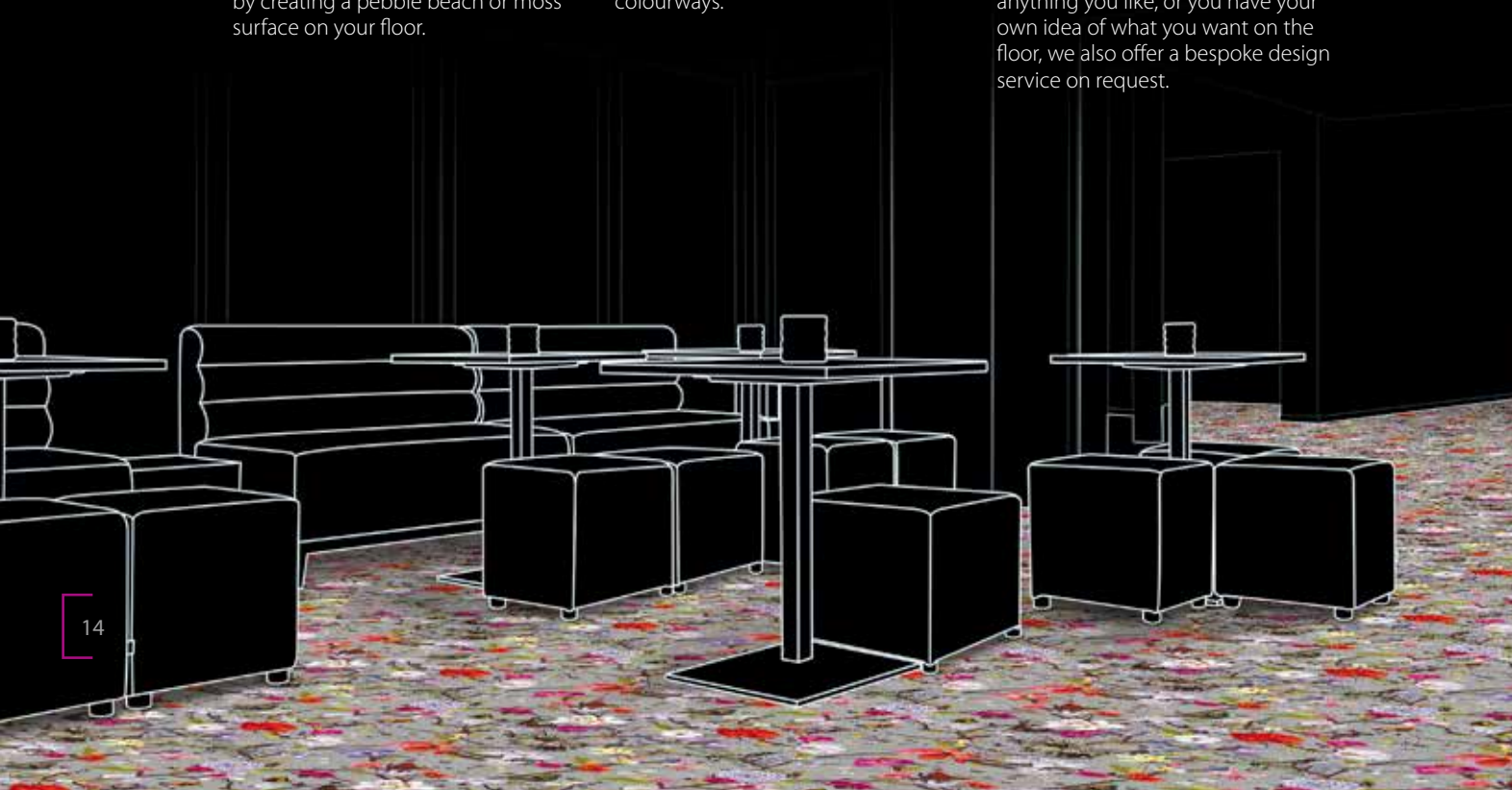
Digital print offers an infinite number of design options ranging from abstracts with an intricate colour spectre to realistic images of grass, sand or water, or any pictures projected on your floor. Create 3D depth or a "trompe d'oeil" effect on your floor. Bring nature in your room by creating a pebble beach or moss surface on your floor.

Endless design options

Digital printing is also well suited for those collections that require visual detail and effects that cannot easily be reached through conventional print. Flotex vision contains over 600 individual items, ranging from traditional to contemporary, including many with a wide choice of colourways.

Colour your own or design your floor

Like the design, but cannot find the colour you want, or matching 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 don't see anything you like, or you have your own idea of what you want on the floor, we also offer a bespoke design service on request.



The Flotex **digital library**

Like any library the Flotex Digital library gives you an opportunity to browse and wonder about the many opportunities that Flotex digitally printed floor coverings offer to you. We also would like to give you some guidance and offer you a logical design path to the items of your taste or choice.

We have created 6 initial entries to the library, each of them representing a design direction that might suit your taste. In addition to the items in the library there also are additional options for some designs where you can choose your own colour combination. Also there is an opportunity for bespoke, unique designs, they are not part of the library but can be discussed with your Forbo sales representative.

The designs in the library will always be updated and new items will be added on a regular basis. At this moment the library contains of 600 different designs and colour ways.

The entries to the library are as follows:



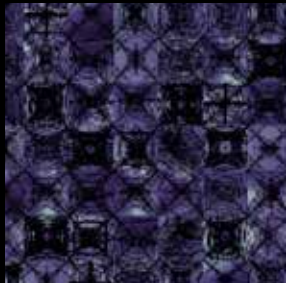
Floral
A selection of 8 different floral designs, ranging from abstract, graphic flower motives to romantic images of roses and butterflies or flower designs that fit very well into children's daycare centres. Each of the 8 design types comes in a variety of colour ways.



Linear
8 line or stripe designs with their own characteristics, ranging from plain and simple to very complex and multi-colour.



Shape
a collection of organic shapes and motives that result in beautiful all over patterns ranging from contemporary to traditional designs.



Pattern
the intricate play of networks and patterns that provides textured floors with a clear and non directional visual. Each design can be chosen in a number of colour ways.



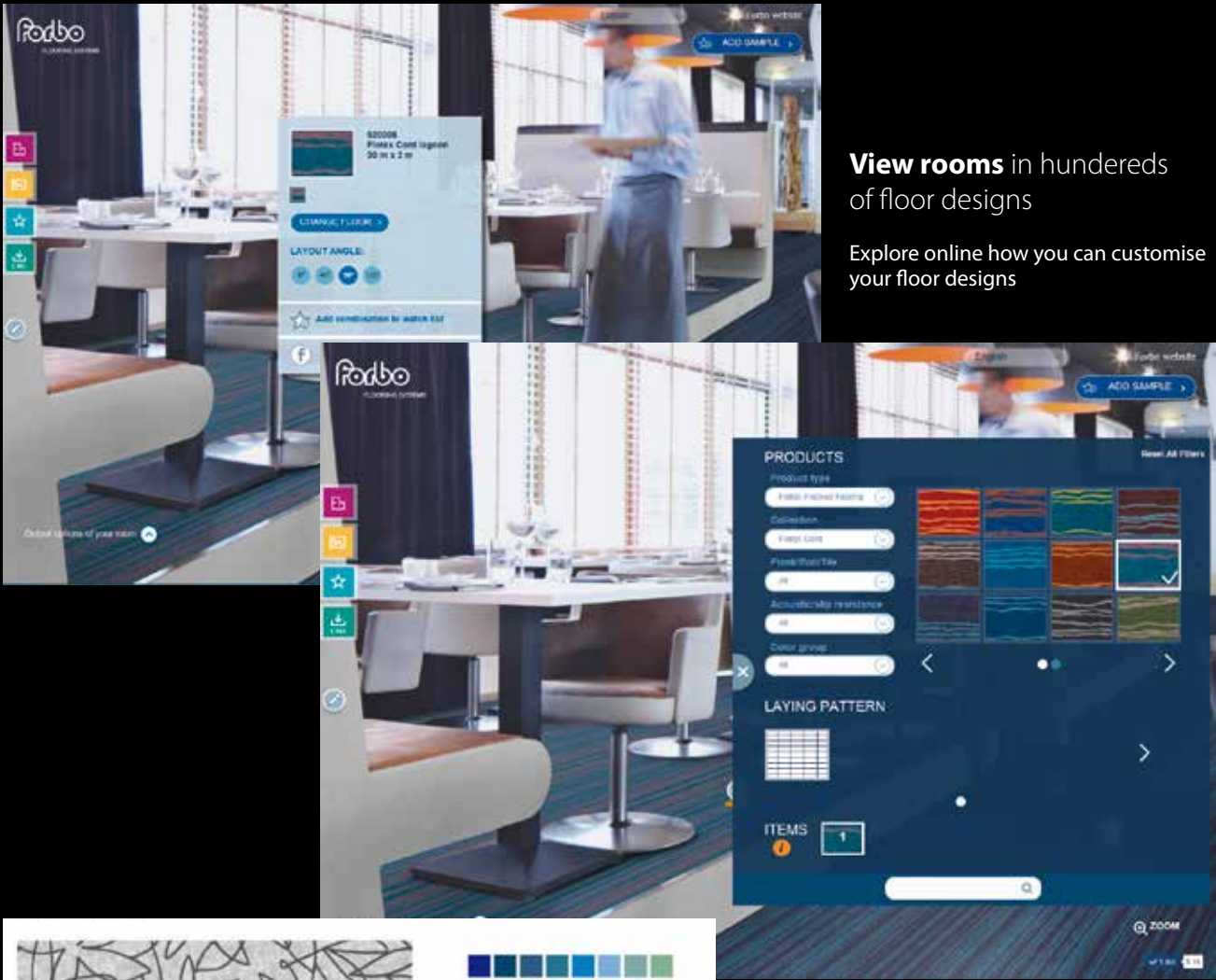
Image
this section of the library contains a wide variety of photographic images that are transferred into interesting theme floors. Grass, sand, water drops, buttons or street maps are amongst the interesting options.



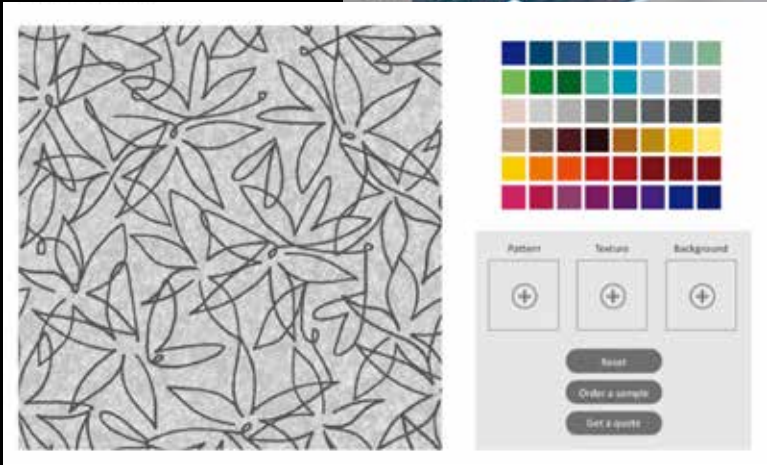
Naturals
floor images that represent materials like wood, stone, ceramics or cork floors. The design technology creates real and life like floors, with a twist for example wood planks that are acoustic and comfortable to walk on.

Go online and discover over **600 designs** for your floor

- Find your design in 4 easy steps:**
- 1. Access www.flotexvision.com
 - 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



View rooms in hundreds of floor designs
Explore online how you can customise your floor designs



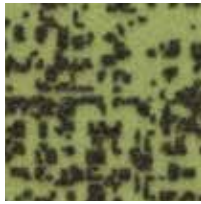
Customise patterns to match your corporate branding.
Some designs can even be fully matched with your taste or branding colours

Flotex and education

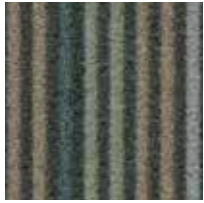
Schools are places for learning and recreation, for education and leisure, for maths and sports, for education and creativity. The many locations in a school, the library, classroom, gym, study, cafe and corridors require different materials in coordinating colour and design. Flotex and the further product portfolio of Forbo are ideally equipped to deliver you modern, joyful and tranquil environments. For schools, universities, media centers and libraries some examples of colours and materials are shown on this page.



t550007
blue



t587002
zest



t550008
forest

Clean air improves school results

Using Flotex in class rooms has a positive impact on the clean air since dust will be captured between the fibres and will be released during vacuum cleaning. The British Allergy Foundation gave Flotex the Seal of Approval.



t382003
citrus

Flotex and retail

Not a single shop or retail facility today will go without its 'brand-characteristics'. Flotex and the Forbo product portfolio have perhaps the widest range of coordinated colours in the flooring business, offering you function and design matching your corporate identity and style. Anything goes! Some examples of combinations of materials are shown on this page. Incredibly hard wearing all day, everyday and will not pack down and track out like conventional cut or loop pile textile products.



t350003
charcoal



t546013
amber



t546017
berry



t546003
melon



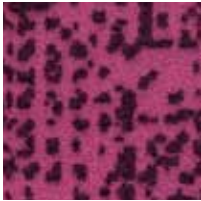
t546027
burgundy

Stores, stores, stores...

Whether fashion, electronics, food, gifts, literature or department stores, Forbo Flotex has a fitting design.

Flotex and office

Office spaces come in wide varieties; individual rooms or open space areas, locations for meetings, presentation areas, reception and lunch locations. The functional and visual quality of the environment helps people to concentrate and to feel well. The Forbo product portfolio and Flotex present prefect match in colour, design and functional application. For the office environment some examples of colour coordination and design are shown on this page.



t587006
shock



t546007
ash



t565011
Paddington



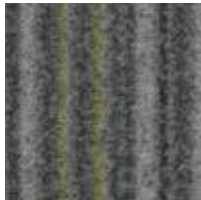
t565001
Piccadilly



* Castor chair mats are not required



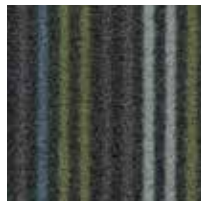
t570008
onyx



t540008
onyx



t540013
lava



t550004
navy



t350004
navy

Easy installation with Flotex tiles

Tiles are traditionally a flooring product which is associated with offices. The easy installation easy to replace and fix, the use of raised floors all contribute to this situation. Most Flotex collections we offer come in both sheet and tile so you can choose which one suits you best.

Flotex and leisure & hospitality

Hotels, restaurants, conference rooms not only should make you feel welcome; they all have a signature of their own. Flotex in its many design and colour ways forms the perfect base for a personal approach. For all kinds of leisure environments some examples of striking combinations in colour, material and design are shown on this page. Flotex can handle very heavy traffic, spills, and highly resistant to bacteria causing odours.



t382009 mineral



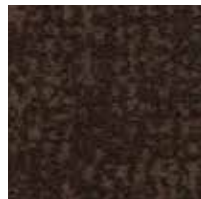
t382020 shale



t590023 espresso



t590026 linen



t546010 chocolate



t546019 citrus



t590002 grey

Atmosphere and Character with Flotex

The perfect match in leisure and hospitality. On the one hand the warmth of being a textile product and on the other hand the ease of cleaning when spills occur in these surroundings. The ideal choice without a compromise.



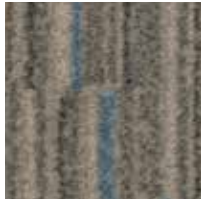
t382017 nimbus



t382024 purple

Flotex and healthcare, aged care and assisted living

Healthcare institutions are characterized by caring tranquil environments. Colour and design helps to create a comforting environment that aid wellbeing of patients and giving a caring touch to the clinical environment. Some possible combinations of Flotex with other products from the Forbo portfolio are shown on this page.



t540004
fossil



t570004
fossil



t382037
grey



t382014
copper

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. Functionality along with design provides a long-term solution.

MORE FORBO
FLOORING
COLLECTIONS



Marmoleum



luxury vinyl tiles



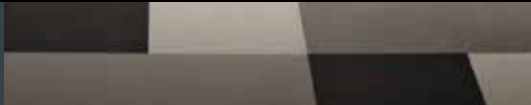
carpet tiles



entrance flooring



project vinyl



Marmoleum

As the world market leader in Linoleum flooring solutions, Forbo offers a huge range in natural linoleum floor coverings as well as surface linoleum for furniture and wall covering. Over a 100 years of experience and modern manufacturing techniques today create the most durable and sustainable resilient floor covering available. Made from linseed oil, rosin, wood flour and limestone, linoleum is a truly natural product that can be applied in a wide range of commercial and residential environments.

Luxury Vinyl Tiles

Luxury Vinyl Tiles have matured into a new flooring category that is readily winning ground in all kinds of market segments. Whether it is retail, leisure, hospitality, offices or education and healthcare facilities, LVT is recognized as an easy to install, easy to maintain high performance floor covering that has the look and feel of its natural counterparts, be it wood, stone or any abstract material. Forbo's Allura LVT will last for years to come, with a unique design that has been created from the natural original to the refinement of the grain and texture that creates a lifelike copy, which in itself can claim to be an original.

Carpet tiles

Our carpet tile collections vary from loop pile to cut and loop pile products to highly exclusive fusion bonded tiles that have a choice of over 180 colours and colour combinations. Carpet tile collections are suitable for both office and leisure and hospitality environments. Our carpet tiles come in a large variety of collections which range from random lay to broadloom installations.

Entrance flooring

Creating better environments starts at the entrance of any building. To avoid water, sand, mud and gravel being carried into the building a proper entrance floor is a good line of defense. Coral entrance floors are created to absorb moisture and scrape dirt of shoes and wheel that find their way into a building. Entrance floors can take care of lower cleaning and maintenance costs and give the floors inside the building their appearance retention.

Project vinyl

Next to Luxury vinyl tiles Forbo offers a range of sheet vinyl flooring with specific technical features such as slip resistant flooring, conductive flooring, acoustic floor coverings and general purpose vinyl floors that come in a wide range of colours and designs. In some cases sheet flooring is chosen as alternative to LVT, at Forbo we have taken care that our collections are matching in colour and design to make combinations of various products possible within one installation.

A SUSTAINABLE COLLECTION

Forbo's manufacturing operations for Flotex in Great Britain and France produce high quality products, utilising 100% green electricity and minimum waste streams generated are recycled back in to the product.

Flotex facilities are SA8000 certified



t590030
spa

Flotex is built around two separate glassfleece constructions that secure a very high degree of dimensional stability and high quality product. Spillage and waste does not occur.
















Flotex is created with nylon 6.6 fibres, all dyes and inks used to create the Flotex designs are water based. No additional chemical processes take place other than high temperature steam treatment to secure the colours. Machines in our factory run on green electricity and minimum waste streams are generated which are fed back into the product. Flotex also makes use of waste streams of other Forbo production locations to be transformed into the backing of the products. Flotex tiles contain 67% recycled content and Flotex sheet contains 22% recycled content.

The real advantage for using Flotex is the extreme performance of the product, with a product life time that surpasses that of ordinary textiles by a factor 6. The product can be cleaned by using water and a simple detergent. For most staining simple household soap is enough to clean the product, while other detergent clean away ink, oil and more severe stains. After use the product can be recycled back into the production process.

Technical specifications

Flotex meets the requirements of EN 1307

			sheet	tile
	Total thickness	ISO 1765	4.3 mm	5.3 mm
	Commercial use	EN 685	Class 33 heavy	Class 33 heavy
	Roll width		2.0 m	-
	Roll length		30 m	-
	Tile size		-	50 x 50 cm
	Quantity of tiles per box		-	12 (3m²)
	Total weight	ISO 8543	1.8 kg/m²	4.5 kg/m²
	Dimensional stability	ISO 2551 / EN 986	< 0.2 %	< 0.2 %
	Abrasion resistance	EN 1307 annex F	>1000 cycles	>1000 cycles
	Castor chair continuous use	EN 985	r = ≥ 2.4 continuous use	r = ≥ 2.4 continuous use
	Light fastness	EN-ISO 105-B02	≥ 6	≥ 6
	Slip resistance	AS4586:2013	R12	R12
	Acoustical	EN-ISO 717-2	Impact sound Δlw = 20 dB	Impact sound Δlw = 19 dB
		ISO 354	Sound absorption = 0.10	Sound absorption = 0.10
	Water tightness	EN 1307 annex G	Pass	Pass
Flotex meets the requirements of EN 14041			EN 14041  1200101-DoP-306	EN 14041  1200201-DoP-306
	Reaction to fire	AS/ ISO 9239-1	CRF >4.5 kW/m2 Smoke <750% per min.	CRF >4.5 kW/m2 Smoke <750% per min.
	Slip resistance	AS4586:2013	R12	R12
	Body voltage	ISO 6356	< 2 kV	< 2 kV
	Thermal conductivity	ISO 8302	0.048 m² K/W	0.040 m² K/W