Creating Better Environments

Sustainability is about the things you can’t see
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.

We believe true sustainability is about creating links of shared responsibilities and values between all stakeholders.
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.

For example:
We use Life Cycle Assessment, an open and transparent methodology, to measure our products’ complete environmental performance. We’re committed to Green Design principles including BIM: to increasing efficiency, reducing the use of virgin raw materials and always searching for the most environmentally appropriate solution.

We reduce, reuse, recycle and renew. For example, we collect and recycle installation off-cuts and help repurpose end-of-life waste into some of our new products. Our save a sample scheme encourages customers to return samples to us once they have served their purpose. This allows the samples to be re-used or recycled rather than thrown in the bin, and ultimately reduces the amount of material going to landfill.

We make our flooring in clean, efficient factories, powered by 100% renewable electricity. And we make sure they’re close to our designers in Europe – so that those who make and those who create can work side by side.

...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.

For example:
We understand that floors have different roles to play within a building. Because we make a wide range of flooring, we’ll start by recommending the best floor for the job, and then always make sure it’s as sustainable as possible.

We’re always finding ways to provide you with the lowest cost of ownership for our floors. They’re always easy to install and require less maintenance, using less cleaning chemicals, throughout their life.

Which, by the way, will be a long and happy one, saving money and reducing waste.

Simply browse through this brochure to discover the things you can’t see that make Forbo’s floors truly sustainable.
Marmoleum: A natural talent

Forbo’s Marmoleum is made from an average of 97% natural raw materials.

So it’s no surprise that it is the world’s leading sustainable resilient flooring. Marmoleum is what it is, a genuine, authentic product.
There’s a craft to making really good Marmoleum. Fortunately, we’ve had over 100 years’ experience in getting it just right. Marmoleum is made from an average of **97% natural raw materials, 72% of which are renewable** and will grow back within ten years.

At the heart of Marmoleum is the flax plant from which we derive the key ingredient, linseed oil.

The new Marmoleum Cocoa range goes one step further by adding a seventh natural ingredient, upcycled cocoa shells from a Dutch chocolate producer.

Marmoleum is also made with **recycled content** to reduce the need for virgin raw material.

At the end of its long life, Marmoleum is **100% biodegradable**.

To find out more about how Marmoleum helps to Create Better Environments, visit our web site and download the environmental data sheets [www.forbo-flooring.co.uk/cbedownloads](http://www.forbo-flooring.co.uk/cbedownloads)

This floor performs well from the minute it’s installed, but it also becomes **stronger over time**, making it more and more durable.

We finish Marmoleum with **Topshield2**, which, together with its natural bacteriostatic properties means the floor is hygienic and needs less cleaning with less harmful chemicals.

Approved by **Allergy UK** and with TVOC’s 30 times lower than the European norm and **CO₂ emissions 50% lower than other resilient flooring**, you can relax knowing that Marmoleum contributes to a healthier indoor environment.

We **recycle installation off-cuts** into new Marmoleum at our plants in Scotland and the Netherlands.

And because it lasts for so long and is so easy to clean, Marmoleum has a very low cost of ownership.
Entrance: Keeping the world outside, outside

We offer both rigid and textile entrance flooring products that can stop up to 95% of dirt from being walked into a building.

This means a cleaner interior and, as a consequence, less cleaning costs and a safer environment with less risk of slips and falls.
From old carpet fluff to abandoned fishing nets, many of our Coral collections are made from ECONYL® – a high quality yarn made from 100% regenerated polyamide.

The primary backing of Coral Welcome is made from recycled plastic PET bottles.

We make Coral in a factory that runs entirely on green electricity and sends virtually zero waste to landfill and 100% of our aluminium, steel and rubber waste from our Nuway production is recycled.

And for those customers wanting a ‘natural’ entrance system, we now offer Nuway Tuftiguard with Bamboo scraper bars. Bamboo is a sustainable species of grass and one of the fastest growing plants on earth.

We offer different types of entrance flooring; together they stop up to 95% of dirt being walked into your building:

— External rigid matting scrapes coarse dirt from shoes
— Interior primary matting with scraper yarns removes moisture and finer dirt particles
— Interior secondary matting removes the final traces of moisture to prevent slips

Together, these can reduce your cleaning bills by up to 65% thus saving you money, energy and chemical cleaners. They also reduce your environmental impact.

In addition, our Nuway Tuftiguard rigid entrance mats are reversible, so you can double their lifespan by simply turning them over.

To find out more about how our Coral and Nuway ranges help to Create Better Environments, visit our website and download the environmental data sheets www.forbo-flooring.co.uk/cbedownloads
**Carpet tiles:**
Industry leading recycled content

All of our UK-produced tufted carpet tiles have at least 53% recycled content (by weight), with some containing an impressive 77%.
By challenging the way tufted carpet tiles are made, our UK-produced Tessera tiles now boast at least 58% recycled content and all Teserra products meet the indoor air quality requirements of CDPH Standard Method V1.2, widely known as CA Section 01350.

Investment in an extruder has reduced our bitumen usage by 56% and enabled us to increase the levels of our recycled filler by 30%.

We’re reducing the amount of virgin materials we use. For example, instead of throwing away yarn ends, we rewind them and tuft them into our Tessera range. We even have several ranges made with up to 100% ECONYL® regenerated yarn.

For those looking for something closer to nature, our Westbond natural range is made from the undyed wool of seven different UK sheep breeds and all of our Westbond tiles have at least 70% recycled content in their backing.

All tufted Tessera carpet tiles are manufactured using 100% renewable energy (electricity & biogas).

Our carpet tiles are quick and easy to clean using a system called Dry Fusion, which uses heat, a little water and natural, organic cleaners. So you can use less water and fewer chemicals without compromising the appearance.

Following Green Design principles, our innovative random-lay carpet tiles reduce fitting waste to less than 2%.

And any Tessera fitting waste can be collected to avoid landfill.

We work with recycling companies to help customers clean, reuse and recycle old carpet tiles in the UK.

To find out more about how our Tessera and Westbond ranges help to Create Better Environments, visit our web site and download the environmental data sheets www.forbo-flooring.co.uk/cbedownloads
Vinyl: Making vinyl better

Whenever possible, we repurpose our waste vinyl (and that of other flooring manufacturers’) to make new products – such as the backing for Flotex and Westbond carpet tiles.
Our vinyl ranges contain **up to 70% recycled content** in their backing.

**We produce all our vinyl in Europe** where it meets the highest possible current and future REACH compliance standards for chemical content.

Of all the electricity we buy, **100% comes from renewable sources**. This means our vinyl production sites are part of an effective environmental management system and achieve ISO 14001 certification.

We use the highest quality raw materials and almost all of our vinyl ranges vinyl ranges are **phthalate free** as we’re always looking for ways to make things better.

Our ground breaking new **Modul’Up adhesive free flooring solutions** help reduce the amounts of material and energy used for a flooring installation.

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We use smart material constructions and durable finishes on our vinyl. A micro-embossing technology reduces the need for chemical cleaning and increases the floor’s lifespan.

Through our **Back to the Floor scheme**, we can collect installation off-cuts from our vinyl floors to avoid landfill.

Our Allura Flex vinyl tiles are adhered using tackifier so they can simply be **taken up and recycled at the end of their life**.

**Modul’Up** can be effortlessly removed at the end of its useful service life and recycled avoiding landfill as there is no adhesive residue stuck to the back of the material.

To find out more about how our various vinyl ranges help to Create Better Environments, visit our web site and download the environmental data sheets [www.forbo-flooring.co.uk/cbedownloads](http://www.forbo-flooring.co.uk/cbedownloads)
Flotex: Greater than its parts

Our unique hybrid flooring combines the benefits of textile and resilient flooring to give you the comfort of a high tech carpet and the durability of a resilient floor.
our footprint

We reduce the resource use of our hybrid flooring range, Flotex, wherever possible and through packaging re-design, we’ve cut cardboard use by 50 tonnes per year.

The unique design of Flotex means it releases twice as many allergens on cleaning than standard carpet and meets the requirements of Californian Specification section 01350 which relates to air quality.

Flotex tiles and planks contain up to 52% recycled content and Flotex is the only flocked flooring to have been assessed under BREEAM (and rated mostly A/A+).

Flotex Colour ranges have no pattern repeats and all tiles can be fitted broadloom, tessellated & brick, making installation easier and reducing wastage.

your footsteps

Our Flotex flooring is 100% waterproof, which means you just need water and standard cleaning materials, (and no chemicals) for an effective clean, and you can also easily steam clean Flotex when hygiene standards demand it.

Flotex is proven to have a positive effect on the lives of allergy sufferers and is the only textile floor covering to receive the prestigious Allergy UK Seal of Approval™.

Phthalate free, slip resistant and offering up to 20dB impact noise reduction, Flotex is a reassuringly safe and sound flooring solution.

Through our Back to the Floor scheme, we can collect clean Flotex installation off-cuts and recycle them at our plant in Ripley, Derbyshire.

To find out more about how our Flotex ranges help to Create Better Environments, visit our web site and download the environmental data sheets www.forbo-flooring.co.uk/cbedownloads

*Correct at print. Visit www.forbo-flooring.co.uk for further information and updates.
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.

Green information

We provide environmental data sheets for our products which are available online. Importantly, if a particular product doesn’t meet a relevant standard or criteria, this is noted on the sheets. Please visit www.forbo-flooring.co.uk/cbedownloads to download the data sheets.

We also provide high quality electronic information such as BIM models with all the relevant and up-to-date information included. Please visit www.forbo-flooring.co.uk/BIM to find out more.

Site certification

As well as reducing our impact on the planet, we’re also working on caring for the people that touch our business, from employees to suppliers. That’s why all our UK manufacturing facilities and most of our sites in Europe are certified to OHSAS 18001 – Occupational Health and Safety and SA8000®. The SA8000 Standard, established by SAI and one of the world’s preeminent social standards, is a tool for implementing international labour standards to protect workers along each step of the supply chain.
Creating Better Environments

We’ll only keep Creating Better Environments if we keep improving and innovating our products and services.

So, while we’re proud of our existing certification, we’ll always be working to achieve better results – for you and the environment.

A selection of our International environmental awards:

Committed To The Health Of One

As our floors are part of the indoor environment in which people live, meet and work, it is our mission to design and offer products that contribute in a positive way to the health and comfort of the individual. “Committed to the health of one” introduces a focus in our commitment to sustainability that centres around all aspects that concern your health, well-being and comfort in relation to our products and services, today as well as for future generations.

For more details visit www.forbo-flooring.co.uk/CHO

SAFETY
A safe indoor environments floors are non-toxic, low emitting and compliant to all international standards. On top of this, a safe floor is designed to prevent accidents, guiding the visually impaired and comforting dementia patients, just as it creates a safe environment in clean room facilities and operating theatres.

HYGIENE
Hygienic flooring solutions are designed to be easy to clean, controlling fine dust in one environment and preventing allergies in another. Hygienic flooring solutions are specific to the application, they can be used for aiding infection control or as the basis for a clean playing environment.

WELL-BEING
A state of well-being and comfort can be achieved by being in control of factors that stimulate the senses in the indoor environment. Through their colour and design, floors are capable of creating the atmosphere of an indoor space, making people feel relaxed and comfortable or vibrant and energetic.

Health refers to a safe, clean and comfortable environment both at home and in your work place. But health is much more: it determines the way you live. That is why for us our commitment to sustainability is a commitment to your health.

Through our flooring solutions it is our ambition to make a positive contribution to your health and well-being in your environment. That is why for us our commitment to sustainability is a commitment to your health.
Green Certification

The Nordic Swan, Blue Angel, 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. As the table opposite shows, Forbo wants you to have all the information you need to make considered decisions – even though there are many of them, we don’t just show you our A+ rated products. To find out more about BREEAM or the ratings included here, visit www.forbo-flooring.co.uk/CBE

BREEAM generic ratings for floor coverings

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Building Type</th>
<th>Education</th>
<th>Healthcare</th>
<th>Multi Residential</th>
<th>Retail</th>
<th>Residential</th>
<th>Retail (Flexo)</th>
<th>Shops</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acoustic Vinyl (Sarlon, Allura Flex, Modul’up decibel)</td>
<td>Office</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A+</td>
<td>A+</td>
<td>A+</td>
<td>✓</td>
</tr>
<tr>
<td>LVT (Alura)</td>
<td>Office</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A+</td>
<td>A+</td>
<td>A+</td>
<td>✓</td>
</tr>
<tr>
<td>Homogeneous Vinyl (Galleria, Sphera)</td>
<td>Office</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A+</td>
<td>A+</td>
<td>A+</td>
<td>✓</td>
</tr>
<tr>
<td>Compact Vinyl (Stegal, Mock‘up compact)</td>
<td>Office</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A+</td>
<td>A+</td>
<td>A+</td>
<td>✓</td>
</tr>
<tr>
<td>Cushioned Vinyl (Novilon, Novasolv)</td>
<td>Office</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
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</tr>
<tr>
<td>Linoleum (Monolamin) – Plain and decorative linoleum</td>
<td>Office</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A+</td>
<td>A+</td>
<td>A+</td>
<td>–</td>
</tr>
</tbody>
</table>

BREEAM specific ratings for product ranges

| Ripley – Flotex                                          |              |           |            |                  |        |             |              |       |
| Flexo F60 (10 Colour, Lined with recycled backing)       | B            | A         | B          | B                 | A+     | ✓           | ✓             | ✓     |
| Flexo Planks                                             |              |           |            |                  |        |             |              |       |
| Flexo F600 – 10 Colour, Lined with PVC backing          | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Flexo F200 HD sheet (Bolucal, Virtu Bespoke, Designer Collections) with PVC backing | A            | A         | A          | B                 | A+     | ✓           | ✓             | ✓     |
| Bamber Bridge – Tessera                                   |              |           |            |                  |        |             |              |       |
| Alignment                                                | A            | A         | A          | A                 | A     | ✓           | ✓             | ✓     |
| Area                                                     | B            | B         | A          | B                 | A+     | ✓           | ✓             | ✓     |
| Barcode                                                  | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Closescope                                               |              |           |            |                  |        |             |              |       |
| Contour                                                  | A            | A+        | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Create Space 1                                           | A            | A+        | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Create Space 2                                           | A            | A+        | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Diffusion                                                | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Helix                                                    | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Helix                                                    | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| In-touch                                                 |              |           |            |                  |        |             |              |       |
| Layout & Outline (tiles & planks)                        | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Mix                                                      | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Synergy                                                  |              |           |            |                  |        |             |              |       |
| Teotet                                                   | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |

Softbac® Results

| Area with Softbac®                                       | A            | A         | A          | B                 | A+     | ✓           | ✓             | ✓     |
| Baruo with Softbac®                                      | B            | B         | A          | B                 | A     | ✓           | ✓             | ✓     |
| Barcode with Softbac®                                    | A            | A+        | A          | A                 | A     | ✓           | ✓             | ✓     |
| Create Space 1 with Softbac®                             | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Helix with Softbac®                                      | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Layout & Outline with Softbac®                           | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Mix with Softbac®                                        | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |
| Teotet with Softbac®                                     | A            | A         | A          | A                 | A+     | ✓           | ✓             | ✓     |

Westbond

| Total (9999)                                             |              |           |            |                  |        |             |              |       |
| Total (9999)                                             |              |           |            |                  |        |             |              |       |
| Total (9999)                                             |              |           |            |                  |        |             |              |       |

Please visit www.forbo-flooring.co.uk/cbe for updates.

For more detailed information on the sustainability profile of our products, please visit www.forbo-flooring.co.uk/cbedownloads to download any of our environmental data sheets.
Our footprint
How it’s made

- **100% of tessera® carpet trim is recovered in the UK**
- **43% average recycled content in the backing of our vinyl ranges**
- **>70% recycled content in the backing of westbond™ carpet tiles**
- **<52% recycled content in flotex® tiles and planks**
- **>58% recycled content in all tessera® tufted carpet tiles made in the UK**
- **ECONYL® yarn made from abandoned fishing nets**
- **marmoleum® is made from an average of 97% natural materials**
- **>70% recycled content in the backing of westbond™ carpet tiles**
- **43% average recycled content in marmoleum®**
- **100% of aluminium and steel waste from our nuway® production is recycled**
- **<52% recycled content in flotex® tiles and planks**
- **>58% recycled content in all tessera® tufted carpet tiles made in the UK**

Our plants are certified to ISO 14001

All our UK plants are certified to SA8000®, OHSAS 18001

Sustainability is about the things you can’t see

Your footsteps
How it performs

- **UP TO 65% reduction in cleaning costs when coral® is installed**
- **2% marmoleum® is biodegradable in a controlled environment**
- **marmoleum® inhibits the growth of MRSA, C Difficile and other bacteria**
- **up to 95% of dirt and moisture can be kept outside the building with coral®**
- **We work with Recycling companies to clean, reuse and recycle old carpet tiles in the UK**
- **Here in the UK we recycle installation waste back into Forbo products**

All Forbo products sold and made in the UK are produced with 100% electricity from renewable sources

All our plants are certified to ISO 14001

Patron of Outward Bound charity

Sustainability is about the things you can’t see

Ultrasonic cutting of allura reduces waste by 80%

5 UK factories

>500 Employees

100% of our packaging is recyclable

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

nuway® tuftiguard mats are reversible, effectively doubling their life

up to 10 0% of our packaging is recyclable

<52% recycled content in flotex® tiles and planks

ECONYL® yarn made from abandoned fishing nets

Save a Sample and reduce the amount of virgin material used

UP TO 70% recycled content in the backing of our vinyl ranges

marmoleum® and flotex® are approved by Allergy UK

Ultrasonic cutting of allura reduces waste by 80%

up to 65% reduction in cleaning costs when coral® is installed

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

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

Save a Sample and reduce the amount of virgin material used

<52% recycled content in flotex® tiles and planks

Patron of Outward Bound charity

Sustainability is about the things you can’t see

Up to 95% of dirt and moisture can be kept outside the building with coral®