



BY APPOINTMENT TO H.M. THE QUEEN
MANUFACTURERS OF FLOORCOVERING
FORBO FLOORING UK LTD, KIRKCALDY



Crown
Commercial
Service
Supplier

MAKING SPACES INTO **HEALING** PLACES

Healthcare Design Guide

www.forbo-flooring.co.uk/healthcare

creating better environments

forbo
FLOORING SYSTEMS

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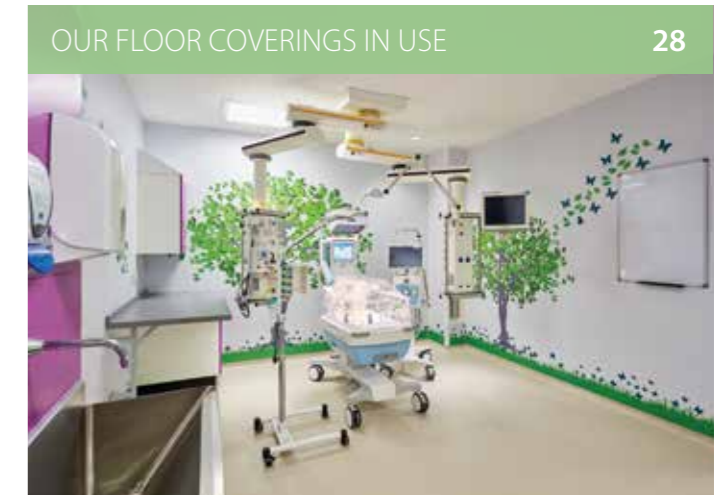
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THE PATH TO CARBON NEUTRAL BUILDINGS IS MADE FROM **LINSEEDS, NOT PLASTIC**

Find out why Marmoleum is the sustainable choice for the Healthcare sector



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Crown Commercial Service Supplier



EVERY SOLUTION. **ONE SUPPLIER.**

Forbo Flooring Systems, as part of the Forbo Group, is a leading global player in high-quality, commercial floor coverings with 14 manufacturing sites in 6 countries, including 4 factories manufacturing here in the UK, and with sales organisations in 25 countries.

We provide a wide range of products including Entrance systems, Linoleum, Vinyl, Luxury Vinyl Tiles, Carpet tiles and Flocked Flooring. With millions of square metres of our floor coverings installed in healthcare establishments across the world, Forbo is at the forefront when it comes to understanding the needs and concerns of the healthcare marketplace.

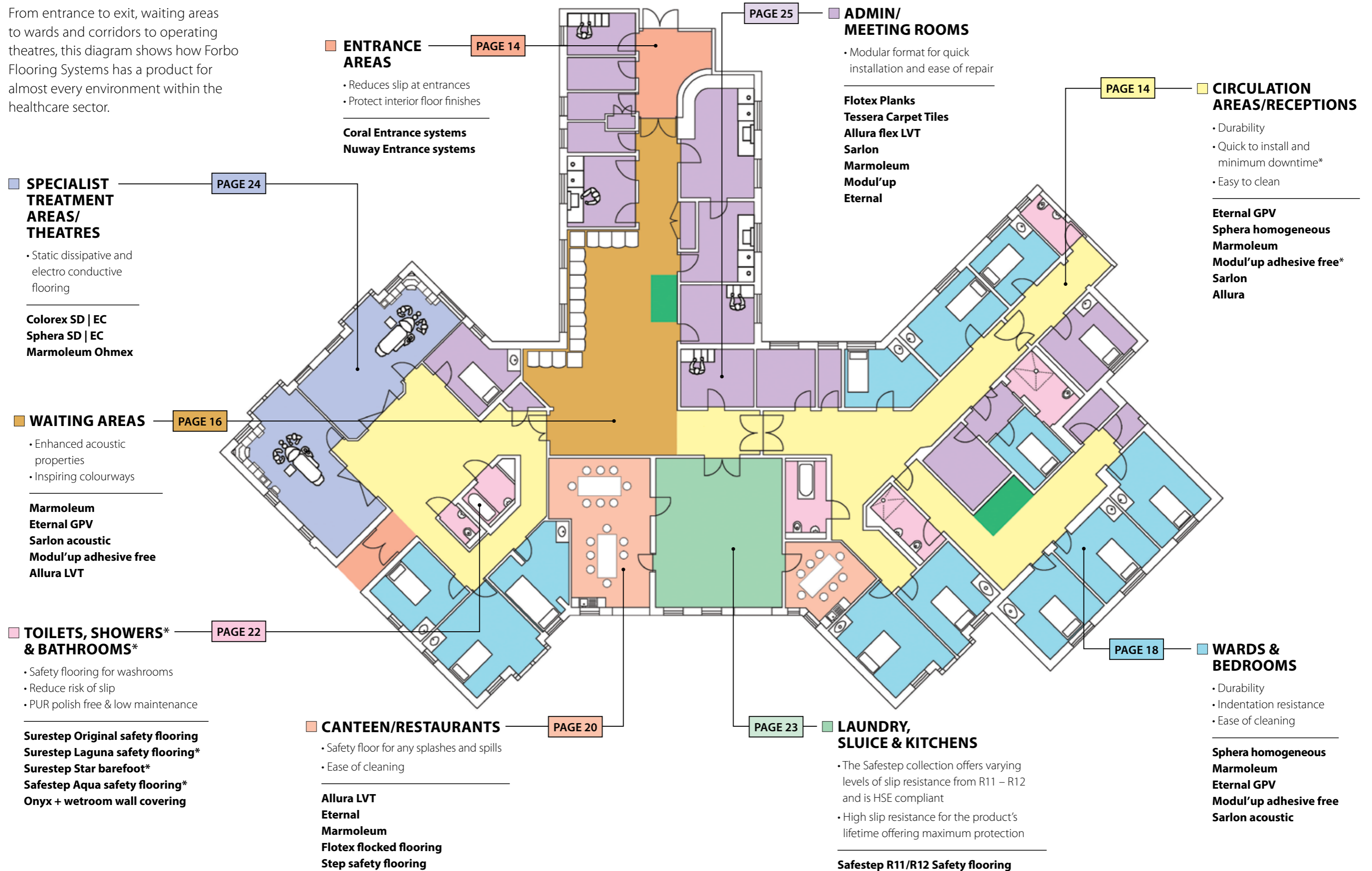
We can help create stylish and functional flooring designs while still meeting the various floor covering requirements outlined in Health Building Note 00-10, Part A: Flooring. Don't just take our word for it. Inside this brochure you will see examples of how our product has been used in healthcare facilities across the UK.



Areas	Nuway entrance systems	Coral entrance systems – Fast Fit	Sarlon acoustic	Tessera carpet tiles	Flotex flocced flooring	Marmoleum linoleum	Modul'up adhesive free vinyl – Fast Fit	Sphera homogeneous	Eternal GPV	Allura LVT – Fast Fit	Surestep safety flooring	Safestep safety flooring	Onyx+ wetroom wall covering	ESD flooring collection – Fast Fit
Entrances	✓	✓												
Circulation Areas			✓			✓	✓	✓	✓	✓	✓			
Waiting Areas			✓		✓	✓	✓	✓	✓	✓	✓			
Wards/Bedrooms			✓			✓	✓	✓	✓	✓	✓			
Canteen/Restaurant					✓	✓	✓	✓	✓	✓	✓			
Toilets/Showers*/Bathrooms*											✓	✓*	✓	
Laundry/Sluice/Kitchens												✓		
Specialist Areas														✓
Admin rooms/Meeting rooms			✓	✓	✓	✓	✓		✓	✓				

MAKING SPACES INTO HEALING PLACES

From entrance to exit, waiting areas to wards and corridors to operating theatres, this diagram shows how Forbo Flooring Systems has a product for almost every environment within the healthcare sector.



iGOV SURVEY RESULTS

In order to ensure that we are focussing our efforts in the correct areas to help our healthcare sector clients achieve their objectives, we conducted an iGov Survey in partnership with SPS and Forbo Flooring Systems.

WHEN CONSIDERING A SOLUTION, HOW IMPORTANT IS **SPEED OF INSTALLATION & MINIMISED SERVICE DISRUPTION?**

THE SOLUTION:
FAST FIT – ADHESIVE FREE

The Fast Fit collection by Forbo is the perfect product range to avoid service disruption and reduce speed of installation.

95%
MID-HIGH PRIORITY

iGOV SURVEY

WHEN CONSIDERING A SOLUTION, HOW IMPORTANT IS **SUSTAINABILITY?**

THE SOLUTION: **MARMOLEUM**

Marmoleum is a flooring product made primarily from renewable natural resources. The top layer is linoleum, a bio-based, ecologically produced material made from 97% natural raw materials. The weighted average of our Marmoleum product range is CO₂ neutral (cradle to gate) – without offsetting. Which enables Marmoleum to contribute to the government/NHS goal of becoming net-zero by 2040.

88%
MID-HIGH PRIORITY

iGOV SURVEY

DID YOU KNOW?

The UK government has become the first national health system in the world to set a target to completely offset carbon emissions by 2040.

As the weighted average of our Marmoleum product range is CO₂ neutral (cradle to gate)– without offsetting, this means Marmoleum is the perfect product to use in the healthcare sector. Find out more about Marmoleum on page 19.

The project ran from Monday 7 January 2019 to Friday 8 March 2019.

108 individuals took part in our survey, representing 89 unique organisations across the public sector including The Leeds Teaching Hospitals NHS Trust, Cambridge University Hospitals NHS Trust and NHS Health Scotland.

There was no inducement to take part in the survey, and Forbo Flooring Systems was not introduced as a survey partner.

WHAT **AREA OF H+S DOES YOUR ORGANISATION FOCUS ON** WHEN IT COMES TO FLOOR COVERINGS?

THE SOLUTION:
CORAL + NUWAY

The first step towards protecting your building and minimising slip risks can be taken by installing Coral + Nuway entrance flooring systems.

90%
MINIMISING SLIP RISKS

iGOV SURVEY

WHAT **AREA OF H+S DOES YOUR ORGANISATION FOCUS ON** WHEN IT COMES TO FLOOR COVERINGS?

THE SOLUTION:
MARMOLEUM

Our Marmoleum products are proven to inhibit the growth and spread of infections such as MRSA, Norovirus and C Difficile, helping to contribute to a healthier and more hygienic environment in any area of a hospital.

81%
INFECTION CONTROL

iGOV SURVEY

Scan here to read the full iGov survey



NEW FOR 2020/21 – THE ACOUSTIC COLLECTION



modul'up compact



modul'up® 19 dB

AVAILABLE IN
94 COLOURWAYS



sarlon® 19 dB



sarlon® 15 dB

Forbo's new Acoustic Collection offers a diverse portfolio of products available in adhesive free or traditional fully adhered formats in acoustic, compact and compact acoustic versions. It consists of Forbo's industry leading acoustic sheet vinyl Sarlon 19 dB and Sarlon 15 dB, and its innovative adhesive free vinyl solutions Modul'up 19 dB and Modul'up Compact.

The four solutions are available in all 94 designs, which have been split into the following design families: Wood, Material, Colour and Graphic, and include new digitally printed items.

SARLON 19 dB – THE LEADING CHOICE FOR HIGH TRAFFIC AREAS

- Offers superior sound reduction of 19 dB best residual indentation for a 19 dB acoustic product
- High performance characteristics in all other areas

SARLON 15 dB – THE PERFECT SOLUTION FOR AREAS WITH ACOUSTIC AND HIGH LOAD REQUIREMENTS

- Low residual indentation, suitable for heavy loads
- 15 dB acoustic performance
- Optimum balance between acoustic performance and residual indentation

MODUL'UP 19 dB – ACOUSTIC PERFORMANCE COMBINED WITH ADHESIVE FREE INSTALLATION

- Adhesive free 19 dB acoustic sheet solution
- Rapid installation and can be walked on immediately after installation
- Can reduce downtime by up to 50% compared to standard, glued down products
- Part of Forbo's Fast Fit collection



MODUL'UP COMPACT – THE ADHESIVE FREE COMPACT SOLUTION*

- Speed of installation and renewal reduces downtime and it is immediately ready for use after installation
- High performance for heavy traffic and intense use, including where rolling loads may be part of the everyday use.
- Can be installed over existing flooring in many instances, removing the need for expensive and time-consuming subfloor preparation.



*Modul'up Compact is a non acoustic product

NEW FOR 2020/21 – FAST FIT ADHESIVE FREE PRODUCTS



BENEFITS IN HEALTHCARE

Quick

- Minimal disruption and downtime as a Fast Fit installation can save over 50% of downtime if a new sub-floor is not needed
- No need to apply adhesive, so quicker for contractor to install and no drying times
- Floor is ready for immediate use after installation, no need to wait 48 hours before using with heavy traffic

Easy

- None of the usual adhesive constraints such as drying times, lingering odours or the possibility of adhesive failure
- Less dust, mess and a reduced environmental impact as no adhesive
- Easy to uplift and reuse, or remove and recycle at end of life as no adhesive residue on back of the material
- As no adhesives or sub floor preparation is needed, in most cases, the clinical cleaning requirements are reduced

Economical

- A Fast Fit installation can reduce downtime by over 50% if a new sub-floor is not needed, thereby saving you significant money
- Potential savings on future renovations as no costly subfloor preparation required on removal
- None of the constraints associated with adhesives such as drying time and lingering odours improving well-being for staff and patients

Visit www.forbo-flooring.co.uk/fastfit to see for yourself the time saving when fitting a Fast Fit product compared to a fully adhered product.

CASE STUDIES



Dominic Gillies, Account Manager at Crown Flooring said:

"We completed the Modu'up installation overnight, while the department was closed. The adhesive free solution saved us a lot of time as we did not need to prepare the subfloor and it was really easy to lay it over the existing vinyl."

"Due to the nature of hospitals, and particularly in the current climate, it's important that tradespeople are able to get in and out as quickly as possible, and Modu'up enabled us to do this whilst still completing the job to an excellent standard. I would definitely recommend using it on further projects"

PROJECT:
Ormskirk General
Hospital Children's A&E

LOCATION:
Ormskirk

FLOORING MATERIAL:
Modu'up 8421 UP43C | polar oak

Available in Compact, 19 dB and T.E. constructions.

Save over
20%
when using
Modu'up*

Reduce
installation*
times by over
50%

*Cost and time savings are compared to the use of standard, glued down products.

David Keen, Edinburgh College, Estates Services Manager, said:

"As the building is open 50 weeks of the year and seven days a week, we needed to find a flooring solution that was quick and easy to install whilst the college was still open. We soon realised that the new Modu'up adhesive free sheet vinyl was the perfect solution for us, as it ticked all of the boxes in terms of design, installation, performance and sustainability."

"The fact that the floor could be walked on immediately after installation really was a great advantage for us. With there being no adhesives, this eliminated the emission and odours, which was particularly important for the wellbeing of all that use the building."

PROJECT:
Edinburgh
College

LOCATION:
Edinburgh

FLOORING MATERIAL:
Modu'up 572 UP43C | medium grey cement

Modu'up Compact + 19 dB are now
available in over 90 colourways



ENTRANCES/RECEPTIONS

Entrance Flooring Systems from Forbo reduce the risk of slips and trips, as well as reducing maintenance time and saving money.

Round the clock staff shifts and the constant flow of visitors mean entrance areas can take quite a pounding, and wet and dirty soiling can be trailed into the reception area and beyond. Not only can this damage interior floor coverings, it also creates unnecessary health and safety hazards and infection control concerns.

Our fully integrated collection of Entrance Flooring Systems provide an outstanding first line of defence against soil and moisture entering a building to keep cleaning and maintenance costs down while reducing the risk of slips and trips

nuway® – rigid entrance systems



Nuway Tuftiguard | black anodised
+ Coral Classic 4730 | raven black

WHAT AREA OF H+S DOES YOUR ORGANISATION FOCUS ON WHEN IT COMES TO FLOOR COVERINGS?

90%
MINIMISING SLIP RISKS

iGOV SURVEY

GUARANTEE
UP TO 15 YEARS

- The recognised market leader in engineered entrance flooring systems, Nuway entrance systems provide an outstanding first line of defence against soil and moisture entering a building
- Wide range of made-to-order rigid single and double sided made-to-order mats
- Helps to keep interior floor coverings dryer and cleaner whilst also preventing slips
- By keeping dirt and moisture at the entrance, **cleaning costs can be cut by up to 65%**
- Perfect solution for high footfall/wheeled traffic areas, particularly hospital entrances

For more product information and to see the full Nuway range please visit www.forbo-flooring.co.uk/nuway

coral® – textile clean-off entrance systems

- Coral has been the market leading, textile entrance flooring brand for 50 years
- Offers more choice than ever before with attractive and sustainable clean-off systems
- Available in styles and constructions to suit all applications, budgets and aesthetic requirements.
- Coral entrance floors can prolong the life of your floor as well as **greatly reduce cleaning costs and the risk of slipping.**

Available in
FAST FIT
Rapid, reusable flooring

DID YOU KNOW?

In 2019, an average of 70,231 people attended accident and emergency departments (A&E) each day in England.

Source: NHS Key statistics briefing paper 7281, 20th February 2020

For more product information and to see the full colour range in Coral, please visit www.forbo-flooring.co.uk/coral



SHOW A **CLEAN** PAIR OF HEELS

Coral Duo 9710 | luna pearl

WAITING AREAS

A relaxed, welcoming atmosphere is required for the family rooms and waiting areas in hospitals however, the flooring must still be able to withstand high footfall as well as people eating and drinking in these areas.

sarlon® – acoustic vinyl sheet

- Excellent all-round performer ideal for waiting areas where noise pollution can be an issue
- Impact sound reduction of **15-19 dB**
- Requires minimum cleaning and maintenance
- Available in an extensive range of colours and designs

For more product information and to view the entire Sarlon collection, please visit www.forbo-flooring.co.uk/sarlon



Now available in over **90 colourways**

Sarlon – Royal Aberdeen Children's Hospital

See the case study for this project on page 26

Other suitable products for waiting areas include Marmoleum (see page 19), Modul'up (see page 18), Allura LVT (see page 20), and Surestep (see page 22).

eternal – general purpose vinyl sheet



- A general purpose vinyl perfect for waiting areas where a durable solution is key
- Hard-wearing and able to withstand heavy footfall
- Available in realistic wood effects, stone and abstract designs, a broad palette of colours and some digitally printed visuals which are designed to inspire

For more product information and to view the entire Eternal collection, please visit www.forbo-flooring.co.uk/eternal

Bespoke Eternal Vinyl used in the Urgent Care Centre, Chorley. Scan here to see the full case study.



flotex® – flocked flooring

- Perfect solution for waiting areas where foot traffic and movement of chairs requires a durable floor covering
- Provides the comfort and warmth of a carpet with increased durability thanks to the flocked design
- Holds the **Allergy UK Seal of Approval™**
- Available in a wide range of colours and stimulating designs
- Offered in a sheet, tile or plank format

For more product information and to view the entire Flotex collection, please visit www.forbo-flooring.co.uk/flotex

See how Forbo products were used to create an autism-friendly environment at the Caudwell International Children's Centre at www.forbo-flooring.co.uk/autismfriendlydesign



Flotex

CIRCULATION AREAS & WARDS

With millions of square metres of floor coverings installed in healthcare establishments around the world every year, Forbo is at the forefront when it comes to understanding the needs and concerns of the health sector in regards to flooring.

modul'up – adhesive free vinyl sheet

- Part of the Fast Fit collection, Modul'up is completely adhesive-free which reduces installation time and down-time significantly, something which 95% of NHS trusts said was a mid-high priority when considering a floor covering*
- Perfect for renovations in healthcare, particularly in areas where continuous access is required

- Can be fitted over asbestos floors avoiding the need for expensive and time consuming removal of existing floor
 - Free from lingering VOC emissions and adhesive odours
- For more information and to see the full Modul'up range or Fast Fit collection please visit www.forbo-flooring.co.uk/fastfit

*Source – Improving Facilities Across the Public Sector iGOV survey 2019

HOW IMPORTANT IS SPEED OF INSTALLATION & MINIMISED SERVICE DISRUPTION?

95%
MID-HIGH PRIORITY

iGOV SURVEY



Other suitable products for circulation areas and wards include Eternal GPV (see page 17), Sarlon acoustic vinyl (see page 16) and Surestep (see page 22).

marmoleum® – linoleum sheet



- Marmoleum's unique Topshield finish reduces soiling and is resistant to staining from hand disinfectants
- Marmoleum is **approved by Allergy UK** as thanks to its smooth surface, it does not harbour house dust mites
- The weighted average of our Marmoleum product range is **CO₂ neutral** (cradle to gate) without offsetting
- **Marmoleum has been awarded 12 independent Ecolabels – more than any other floor covering in the world**
- Marmoleum is BREEAM A+ rated in the healthcare sector
- Our Marmoleum products are proven to inhibit the growth and spread of infections such as MRSA, Norovirus and C Difficile, helping to contribute to a healthier and more hygienic environment in any area of a hospital

For more product information and to view the entire Marmoleum collection, please visit www.forbo-flooring.co.uk/marmoleum

Marmoleum and Sphera are ideal for all areas of a healthcare estate where 'Sheet systems' is specified in Health Building note 00-10 Part 1: Flooring.

sphera® – homogeneous project vinyl

- SMART-top PUR surface finish ensures Sphera has a high resistance to chemicals, scratches and stains
- Inline coating and subsequent embossing delivers superior appearance and durability
- Achieves highest abrasion wear rating group T tested to EN660-2
- State-of-the-art steel-belt press and thermofix technology ensures consistent quality
- Green energy and zero waste technology ensures efficient and sustainable manufacturing
- Low emissions and phthalate free manufacturing
- Sphera is BREEAM A+ rated in the healthcare sector

For more product information and to view the entire Sphera collection, please visit www.forbo-flooring.co.uk/sphera



CANTEEN/RESTAURANTS

Canteens and restaurants are a vital part of any healthcare building as they act as the place where members of staff can recharge or patients can relax with their friends and family.

In these environments, floor coverings must have excellent durability, cleanability and slip resistance, attributes that all products within the Forbo range all possess.

allura – luxury vinyl tiles

- The Allura collection offers the aesthetics of realistic, natural wood and stone floors whilst giving the benefits of a strong and durable vinyl
- Practical and easy to clean, Allura offers high quality aesthetics with low maintenance costs
- Phthalate free and REACH compliant

- Allura is BREEAM A+ rated in the healthcare sector

For more product information and to view the full Allura range visit www.forbo-flooring.co.uk/allura



step® – safety vinyl sheet



- Perfect for areas prone to spillages, the Step collection offers varying levels of slip resistance from R10-R12
- Over 60 designs to choose from including wood and stone effects
- PUR pearl finish means Step is resistant to scuff marks and improves the ease of cleaning and maintenance
- Particles in the wear layer of ALL Forbo Step safety floors guarantee lifetime sustainable slip resistance
- Step is BREEAM A+ rated in the healthcare sector

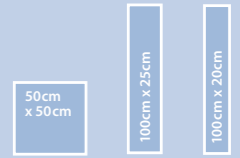
For more information on the Step range, please visit: www.forbo-flooring.co.uk/step

Other suitable products for circulation areas and wards include Marmoleum (see page 19), Sphera (see page 19), Modul'up (see page 18), Eternal GPV (see page 17) and Surestep (see page 22).

ADMIN/MEETING ROOMS

For hospitals to run efficiently, there is a team of staff which usually operate from offices within the hospital. The Health Building note 00-10 Part A flooring recommends textile or sheet products for these areas. Textile products offer excellent acoustic properties and when modular formats are used they can quickly adapt to layout changes.

tessera®
carpet tiles available in
3 shapes



tessera® – carpet tiles

- A wide range of multi-construction carpet tiles
- Various formats available including planks and XL tiles enabling creative floor design
- Impact noise reduction up to 30 dB
- Random lay ranges available, reducing installation waste to 2%
- Many ranges BREEAM A rated in the healthcare sector
- All our Tessera carpet tiles are produced in the UK and have at least 57% recycled content (by weight)

To view the full range of Tessera carpet tiles please visit www.forbo-flooring.co.uk/tessera



Other suitable products for admin/meeting rooms include Flotex (see pages 17/21 and Allura LVT (see page 20).

TOILETS, SHOWERS & CHANGING ROOMS

In healthcare facilities, slip resistance is of paramount consideration in areas where water or spillages could affect safety underfoot. For patients, using bathroom facilities without worrying about slipping will provide peace of mind.

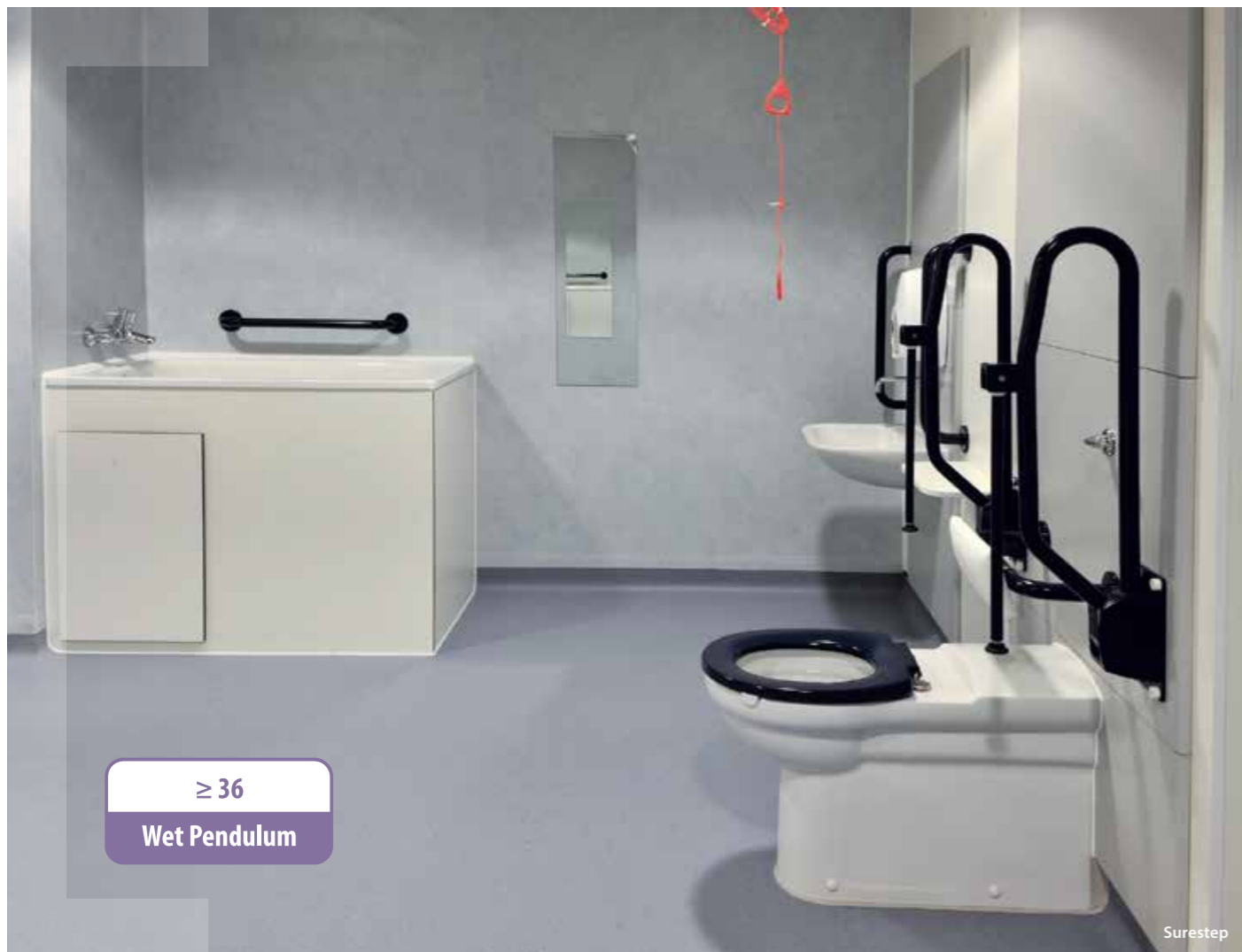
Our Step safety flooring range significantly reduces the risk of slips in wet areas whilst still creating a modern, fresh interior.



surestep® laguna – safety flooring

- Typically found in toilets and changing rooms, Surestep Laguna was developed especially for barefoot and footwear use and is also suitable for wheelchair use
- Laguna's plain, soil hiding design available in 15 colourways is ideal for use in dementia applications

For more product information and to view the full Surestep range visit www.forbo-flooring.co.uk/step



≥ 36
Wet Pendulum

Surestep

safestep® aqua – wetroom flooring

Staff and patients alike can feel safe when using wetroom facilities installed with Safestep Aqua.

- Safestep Aqua is designed for barefoot, soft soled shoe areas and wheelchair use
- Available in 8 colours, Safestep Aqua can be installed to meet the requirements of application areas such as wetrooms, changing rooms and toilets



≥ 36
Wet Pendulum

Safestep

Other suitable products for wetroom flooring include Surestep Star Barefoot and Surestep Laguna.

LAUNDRY, SLUICE & KITCHENS

safestep® – R11/R12 safety flooring

The Safestep collection offers varying levels of slip resistance from R11 - R12 and is HSE compliant.

- The PUR pearl finish means it is resistant to scuff marks and improves the ease of cleaning and maintenance
- Particles in the wear layer of ALL Forbo Step safety floors guarantee lifetime sustainable slip resistance
- Step is BREEM A+ rated in the healthcare sector

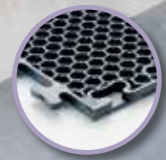


≥ 40
Wet Pendulum

≥ 50
Wet Pendulum

Safestep

SPECIALIST AREAS



colorex® plus

THE ADHESIVE FREE SOLUTION

FASTFIT
Rapid, reusable flooring



THE SHEET SOLUTION



NEW

sphera®



THE SUSTAINABLE SOLUTION



Rapidly renewable
Materials mainly obtained from agricultural production. They regenerate crops every year, or far quicker than fossil resources.

marmoleum® ohmex



THE TILE SOLUTION



colorex®

SPHERA – THE SHEET SOLUTION NEW

Available in both Static Dissipative (SD) and Electro-Conductive (EC) formats

- Innovative product development and carefully controlled production processes ensure a flooring solution with permanent conductive properties, which complies with all ESD standards.
- Sphera SD | EC will retain its optimal performance throughout the product's lifetime, regardless of the conditions of the environment, such as humidity levels.
- Low emissions and phthalate free manufacturing ensures that Sphera SD | EC can contribute to a healthy indoor environment.
- The unique SMART control surface treatment makes Sphera SD | EC resistant to stains and scratches, for a durable and hygienic solution.
- Thanks to the conductive backing, there is no need for conductive adhesive underneath the full sheet, only to affix the copper strip. This reduces installation costs and risks of installation errors.
- Sphera SD | EC is produced in a zero waste environment, ensuring efficient and sustainable manufacturing.

COLOREX – THE TILE SOLUTION

Available in both Static Dissipative (SD) and Electro-Conductive (EC) formats

- The technology ensures a permanently conductive product guaranteeing optimal performance throughout the life of the product. Colorex fully complies with all ESD standards.
- The surface of Colorex can be fully repaired extending the useful life of the product.
- The low plasticiser content in Colorex tiles creates a unique dimensional stability and prevents shrinkage. The tiles can be perforated for air flow systems.
- The low plasticiser content also ensures extremely low emissions and outgassing making Colorex the right choice for cleanrooms. Colorex fully complies with all cleanroom standards including the Fraunhofer Institute, and can be used in level 2 cleanrooms and above.
- The dense construction of Colorex provides excellent resistance to heavy loads, such as pallet trucks, making it an ideal solution for commercial and industrial environments.
- Colorex is available in tile format, a prerequisite for raised access floors found in many commercial environments such as data centres and server rooms.
- Option to add safety signs and guiding with Colorex Signal and Colorex Signal Glow.

COLOREX PLUS – THE ADHESIVE FREE SOLUTION

An adhesive free solution with a Colorex surface ideal for use in areas where subfloor quality can be an issue, or where quick installation is required.

- Colorex Plus EC is a Fast Fit solution used by a wide range of high tech companies for fast expansion of a manufacturing facility. Other formats of Colorex plus are also available.
- Invisible dovetail backing construction for a strong and stable connection which smoothly seals the floor surface and prevents build up of mould and bacteria.
- As part of Forbo's Fast Fit collection Colorex Plus items can reduce installation time by over 50%.
- Colorex Plus is available in Colorex Plus, Colorex Basic Plus and the new Colorex Plus R10.

FASTFIT
Rapid, reusable flooring

MARMOLEUM OHMEX – THE SUSTAINABLE SOLUTION

Forbo has developed a special formula for Marmoleum that meets specific higher requirements for electrical conductivity.

Marmoleum Ohmex static dissipative linoleum is, like all Marmoleum products, produced from renewable materials, therefore making it one of the most sustainable ESD floor coverings available.

INFECTION CONTROL WITH MARMOLEUM

When it comes to infection control and stopping Hospital Acquired Infections (HAIs), what better place to start than from the flooring up? Hospitals benefit from using Marmoleum as a hygienic and bacteriostatic floor covering solution that is easy to clean and maintain as well as durable, safe and comfortable for both wheeled and foot traffic. Marmoleum is frequently chosen as the desired flooring solution for hospitals and other healthcare and cure environments.

STOPPING HOSPITAL ACQUIRED INFECTIONS (HAIS)

As a naturally bacteriostatic floor covering, our Marmoleum products are independently proven to inhibit the growth and spread of infections such as MRSA, Norovirus and C Difficile, helping to contribute to a healthier and more hygienic environment in any area of a hospital.


Marmoleum's ability to inhibit the growth of bacteria stems from the natural raw materials that go into its production, namely linseed oil. An inherent property of the product, the anti-bacterial qualities of Marmoleum won't diminish over time, giving peace of mind and constant protection from the moment it is installed.

Independent testing by the University of Glasgow has proven that Marmoleum has a unique suitability for a diverse range of environments where hygiene and control of bacteria such as MRSA or E. coli is an everyday concern.

To download the full test results for MRSA, Norovirus and C-DIFF visit www.forbo-flooring.co.uk/healthcare and go to the 'Infection Control' tab.

MARMOLEUM IS PROVEN TO INHIBIT THE GROWTH AND SPREAD OF:

✓ MRSA ✓ Norovirus ✓ C Difficile



OUTSTANDING CLEANABILITY WITH TOPSHIELD

Topshield is Forbo Flooring's high performance UV-finish which is applied to all Marmoleum floor coverings. Topshield **prevents staining, scuffing and scratching** for lasting appearance retention and provides for **easy cleaning and maintenance**.

Topshield is resistant to chemicals and hand disinfectants, making it an ideal solution for all heavy traffic environments such as schools, healthcare, offices and public buildings.

MARMOLEUM – CHARACTERISTICS

- ✓ No initial maintenance or polymer
- ✓ Less soiling and dirt pick-up
- ✓ Prevents the growth of bacteria
- ✓ Resistant against disinfectants
- ✓ Overall improved stain resistance
- ✓ Efficient and easy dry cleaning
- ✓ Simple maintenance
- ✓ Less scratches and dirt traps
- ✓ Surface can be repaired
- ✓ Surface can be refreshed

ALLERGY UK APPROVED

Both Marmoleum and Flotex (Forbo's flocked floor covering, find out more on page 21) have been awarded the prestigious '**Seal of Approval**' from **Allergy UK** as with the correct cleaning regime, **they will not harbour allergens or house dust mites.**

With a recent report by Allergy UK estimating that there are at least 12 million people "allergic to their own home" – with 58% citing house dust mites as a key trigger, the importance of floor coverings in creating better indoor environments should not be overlooked.



OUR FLOOR COVERINGS IN USE

Clatterbridge Cancer Centre

Products: **Marmoleum & Colorex SD**

An extensive range of Forbo Flooring Systems' products have been installed throughout Liverpool's first-ever dedicated Cancer Hospital: Clatterbridge Cancer Centre – Liverpool (CCC-L).

The new centre will care for people across Merseyside and Cheshire, and those in the surrounding area, providing highly-specialist care including pioneering immunotherapy and the most advanced forms of radiotherapy.



Scan here to see the full case study



Royal Aberdeen Children's Hospital

Products: **Sarlion, Eternal & Coral**

After extensive colour research, Tinto Architecture specified Forbo Flooring Systems' acoustic floor covering, Sarlion, in an array of striking colours, in order to create an interior that had a profoundly positive effect on both patients and staff at The Royal Aberdeen Children's Hospital.

The array of calming and mood-boosting colours from the Sarlion collection is also combined with the benefits of 15 dB impact sound reduction and easy maintenance.



Scan here to see the full case study



OUR FLOOR COVERINGS IN USE

Cramlington Hospital

Product: **Marmoleum**

Designed by healthcare specialists, P+HS Architects, and built offsite by The McAvoy Group, the Ambulatory Care unit within the new 6,500m² three-storey wing at the Northumbria Specialist Emergency Care Hospital in Cramlington has had Forbo Flooring Systems' Marmoleum floor coverings installed throughout, for its excellent durability and naturally bacteriostatic properties.



Scan here to see the full case study



Glan Clwyd Hospital

Products: **Sphera & Eternal**

Calming colours and patterns have helped to create a special environment for mothers and babies at Glan Clwyd Hospital. Forbo Flooring Systems' new Sphera Element has been specified throughout the Mother and Baby Unit, due to its bright and fresh appearance, high-performance and durability. Easy to work with, the Sphera sheets were laid throughout the unit and hand cut to shape to create a beautiful butterfly designs.



Scan here to see the full case study



DSDC ACCREDITED FLOORING

AGE INCLUSIVE DESIGN AND FORBO FLOORING



As age-related changes and impairments can often make it more difficult for people to understand and navigate a building, Forbo Flooring Systems has partnered with The University of Stirling's Dementia Services Development Centre (DSDC) to review over 1000 floor finishes; assessing their suitability for use in dementia-friendly environments.

DSDC is an international centre of knowledge and expertise dedicated to improving the lives of people with dementia. They have drawn on research and practice from across the world, for over 25 years, to provide a comprehensive, up-to-date resource on all aspects of dementia.

The DSDC Accredited product logo is awarded on the merit of the individual product and colourway. This accreditation does not merit the final application. For an environment to be considered 'dementia-inclusive' or 'dementia-friendly', careful consideration must be given to the specification of adjoining finishes, their performance specification, for example, light reflectance value (LRV), slip resistance and use of pattern, and their suitability for their intended use.

www.forbo-flooring.co.uk/designingfordementia



REASONS TO CHOOSE PROCURE 22 CONSTRUCTION PROCUREMENT FRAMEWORK



Overview

ProCure22 (P22) is a Construction Procurement Framework administered by the Department of Health (DH) for the development and delivery of NHS and Social Care capital schemes in England.

It is consistent with the requirements of Government Policy including the Productivity and Efficiency agenda; the Government Construction Strategy; the Public Contracts Regulations 2015; the National Audit Office guidance on use of centralised frameworks; and the Cabinet Office Common Minimum Standards for procurement of the Built Environment in the Public Sector.

Why use the Procure 22

The P22 process builds on the benefits and success of previous frameworks (P20/P21/P21+) while satisfying the core objective of delivering improved value for money in Health and social care capital developments. It reduces your exposure to risk and each scheme will have a start-up workshop provided by the appointed Principal supply chain Partner (PscP). There are six PscP on the Framework (BAM, IHP, Galliford Try HPS, Graham, Kier and Interserve) to work with without having to undertake an oJeu procurement process.

Benefits of working with Forbo under ProCure 22 Framework

- Open and honest recommendations for the best floor covering, or combination of products, to meet your requirements
- Savings through transparent trading and aggregation of demand
- We are recognised as a trusted partner and can supply total solutions for every area in every type of healthcare building
- The personal touch with your own area manager to assist in any specifications or advice

Flooring products available from Forbo via Procure 22 Framework

- Entrance Systems
- Linoleum
- Safety flooring
- Acoustic flooring
- Static control flooring
- General purpose vinyl
- Homogeneous vinyl
- Safety vinyl
- Luxury Vinyl Tiles
- Carpet Tiles
- Flocked flooring
- Fast Fit collection

What to do next

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.

Samples:

0800 731 2369 or online at
www.forbo-flooring.co.uk
samples.uk@forbo.com

Email:

info.flooring.uk@forbo.com

Downloads & CPDs:

www.forbo-flooring.co.uk/downloads
www.forbo-flooring.co.uk/CPD

Procure 22

www.forbo-flooring.co.uk/healthcare

EC1 Showroom:

You can visit our London Showroom where our full portfolio of brands are on display.

79 John Street
 Clerkenwell
 London
 EC1M 4NR

RANGES & SUITABLE TYPES OF HARD FLOORING – ACUTE HOSPITAL

Product Description	Product Reference	Hospital Areas Suitable For :-
Premier Range		
Marmoleum Solid/Linear	Marmoleum	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Sphera	Sphera homogeneous Vinyl	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Surestep design safety vinyl	Step	WC's, Laundry, Sluice & Kitchenettes
Safestep R11	Step	Main Kitchen
Aqua/Laguna (bare foot safety vinyl)	Step	Bare Foot Locations - Shower & Bathroom
Allura Flex Loose lay Vinyl tile (tackifier)	Allura	General areas, Offices, Administration Areas, Consulting rooms, Corridors, Chapel
Allura DR7	Allura	General areas, Offices, Administration Areas, Consulting rooms, Corridors, Chapel
Eternal	Eternal project Vinyl	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors, Chapel
Modular Marmoleum	Marmoleum Tile	General areas, Circulation areas, Gyms/Occupational health, Consulting Rooms, Chapel
Standard Range		
Marmoleum Marbled	Marmoleum	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Sphera	Sphera homogeneous Vinyl	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Surestep Original	Step	WC's, Laundry, Sluice & Kitchenettes
Safestep R11	Step	Main Kitchen
Aqua/Laguna (bare foot safety vinyl)	Step	Bare Foot Locations - Shower & Bathroom
Allura DR5	Allura	General areas, Offices, Administration Areas, Consulting rooms, Corridors, Chapel
Modul'up	Modul'up	General areas, Wards, Bedrooms, Gyms/Occupational health, Consulting rooms
Eternal	Eternal project Vinyl	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors, Chapel
Modular Marmoleum	Marmoleum Tile	General areas, Circulation areas, Gyms/Occupational health, Consulting Rooms, Chapel
Budget Range		
Linoflex	Contract Marmoleum	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Solidstep	Step	WC's, Laundry, Sluice & Kitchenettes
Safestep R11	Step	Main Kitchen
Aqua/Laguna (bare foot safety vinyl)	Step	Bare Foot Locations - Shower & Bathroom
Eternal original	Eternal Original	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors, Chapel

RANGES & SUITABLE TYPES OF HARD FLOORING – MENTAL HEALTH

Product Description	Product Reference	Hospital Areas Suitable For :-
Premier Range		
Marmoleum Solid/Linear	Marmoleum	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Sphera	Sphera homogeneous Vinyl	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Surestep design safety vinyl	Step	WC's, Laundry, Sluice & Kitchenettes
Safestep R11	Step	Main Kitchen
Aqua/Laguna (bare foot safety vinyl)	Step	Bare Foot Locations - Shower & Bathroom
Allura Flex Loose lay Vinyl tile (tackifier)	Allura	General areas, Offices, Administration Areas, Consulting rooms, Corridors, Chapel
Allura DR7	Allura	General areas, Offices, Administration Areas, Consulting rooms, Corridors, Chapel
Eternal	Eternal project Vinyl	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors, Chapel
Standard Range		
Marmoleum Marbled	Marmoleum	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Sphera	Sphera homogeneous Vinyl	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Surestep Original	Step	WC's, Laundry, Sluice & Kitchenettes
Safestep R11	Step	Main Kitchen
Aqua/Laguna (bare foot safety vinyl)	Step	Bare Foot Locations - Shower & Bathroom
Allura DR5	Allura	General areas, Offices, Administration Areas, Consulting rooms, Corridors, Chapel
Eternal	Eternal project Vinyl	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors, Chapel
Modular marmoleum	Marmoleum Tile	General areas, Circulation areas, Gyms/Occupational health, Consulting Rooms, Chapel
Budget Range		
Linoflex	Contract Marmoleum	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Solidstep	Step	WC's, Laundry, Sluice & Kitchenettes
Safestep R11	Step	Main Kitchen
Aqua/Laguna (bare foot safety vinyl)	Step	Bare Foot Locations - Shower & Bathroom
Eternal original	Eternal Original	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors, Chapel

RANGES & SUITABLE TYPES OF SOFT FLOORING – ACUTE HOSPITAL

Product Description	Product Reference	Hospital Areas Suitable For :-
Premier Range		
Flotex Vision	Flotex sheet	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Flotex Planks	Flotex Planks	General areas, Circulation areas, Bedrooms, Gyms/Occupational health, Consulting Rooms, Corridors
Cut and Loop carpet tile Alignment	Tessera Alignment	General areas, Consulting Rooms,
Textured carpet plank Seagrass/ In Touch	Tessera Seagrass/In Touch	General areas, Consulting Rooms,
Textured carpet tile Earthscape/Arran	Tessera Earthscape/Arran	General areas, Consulting Rooms,
Coral Welcome/Brush	Coral	Main entrance
Standard Range		
Flotex Vision	Flotex sheet	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Flotex Planks	Flotex Planks	General areas, Circulation areas, Bedrooms, Gyms/Occupational health, Consulting Rooms, Corridors
Flotex Tiles	Flotex Tiles	General areas, Circulation areas, Bedrooms, Gyms/Occupational health, Consulting Rooms, Corridors
Textured loop pile carpet tile Inline/Diffusion/Chroma	Tessera Inline/Diffusion/ Chroma	General areas, Consulting Rooms,
Random lay carpet tile Cloudscape	Tessera Cloudscape	General areas, Consulting Rooms,
Random Lay and batchless carpet tile	Tessera Mix	General areas, Consulting Rooms,
Coral Classic	Coral	Main entrance
Budget Range		
Flotex Colour Sheet	Flotex Colour sheet	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Flotex Colour Tiles	Flotex Tiles	General areas, Circulation areas, Bedrooms, Gyms/Occupational health, Consulting Rooms, Corridors
Low Level Loop Pile carpet tile Teviot	Tessera Teviot	General areas, Consulting Rooms,
Low Level Loop Pile carpet tile Outline/Layout	Tessera Outline/Layout	General areas, Consulting Rooms,
Low Level Loop Pile carpet tile Create Space 1	Tessera Create space 1	General areas, Consulting Rooms,

RANGES & SUITABLE TYPES OF SOFT FLOORING – MENTAL HEALTH

Product Description	Product Reference	Hospital Areas Suitable For :-
Premier Range		
Flotex Vision	Flotex sheet	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Flotex Planks	Flotex Planks	General areas, Circulation areas, Bedrooms, Gyms/Occupational health, Consulting Rooms, Corridors
Cut and Loop carpet tile Alignment	Tessera Alignment	General areas, Consulting Rooms,
Textured carpet plank Seagrass/ In Touch	Tessera Seagrass/In Touch	General areas, Consulting Rooms,
Textured carpet tile Earthscape/Arran	Tessera Earthscape/Arran	General areas, Consulting Rooms,
Coral Welcome/Brush	Coral	Main entrance
Standard Range		
Flotex Vision	Flotex sheet	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Flotex Planks	Flotex Planks	General areas, Circulation areas, Bedrooms, Gyms/Occupational health, Consulting Rooms, Corridors
Flotex Tiles	Flotex Tiles	General areas, Circulation areas, Bedrooms, Gyms/Occupational health, Consulting Rooms, Corridors
Textured loop pile carpet tile Inline/Diffusion/Chroma	Tessera Inline/Diffusion/ Chroma	General areas, Consulting Rooms,
Random lay carpet tile Cloudscape	Tessera Cloudscape	General areas, Consulting Rooms,
Random Lay and batchless carpet tile	Tessera Mix	General areas, Consulting Rooms,
Coral Classic	Coral	Main entrance
Budget Range		
Flotex Colour Sheet	Flotex Colour sheet	General areas, Circulation areas, Wards, Bedrooms, Gyms/ Occupational health, Consulting Rooms, Corridors
Flotex Colour Tiles	Flotex Tiles	General areas, Circulation areas, Bedrooms, Gyms/Occupational health, Consulting Rooms, Corridors
Low Level Loop Pile carpet tile Teviot	Tessera Teviot	General areas, Consulting Rooms,
Low Level Loop Pile carpet tile Outline/Layout	Tessera Outline/Layout	General areas, Consulting Rooms,
Low Level Loop Pile carpet tile Create Space 1	Tessera Create space 1	General areas, Consulting Rooms,

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. For more details, please visit our web site www.forbo-flooring.co.uk/cbe

Green information

We provide environmental data sheets for our products which are available online. 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. Visit www.forbo-flooring.co.uk/BIM to find out more.

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, 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. For a full list of all our BREEAM certified products, please visit www.forbo-flooring.co.uk/cbedownloads

BIM MODELS

The construction of a multi-speciality hospital could have numerous architects and engineers involved, creating the potential for communication issues between the different teams.

However, BIM has the potential to help support and encourage a collaborative approach, with all companies involved on a project able to access, view, and work on the same 3D model, wherever they are based. The building could even be split up into smaller, more specialised models, which teams could work on individually, before then being converted back into one, highly detailed model, ready for construction.

This not to say, however, that BIM is limited to the construction of the external structure of our new healthcare buildings. As well as detailing the 'shell' of the building, BIM can also be used for the planning of internal fittings, systems and machinery. This is especially significant for the healthcare sector, with buildings containing a vast amount of complex technology, equipment and fixtures. From the positioning of beds and electrical assets, to x-ray and MRI machinery, to the building's heating, ventilation and air-conditioning (HVAC) system, it can all be mapped out using BIM.

These real-time visualisations of a healthcare building's interior and its functional characteristics can also be employed to ensure



the efficient operative running of the hospital, once completed. For example, medical staff can use the BIM model to envisage the sight-lines in their wards, ensuring that all patients will be visible and easily accessible.

BIM can also help to determine the functionality of specialised spaces, such as operating theatres or intensive care units; simulate patient and staff flow to ensure that high-traffic areas and corridors are suitable in terms of size and design; and even run emergency scenarios, to see how the building layout would cope.

www.forbo-flooring.co.uk/bim

Forbo's commitment to SA8000 the ethical labour standard

Social Accountability 8000 (SA8000) is the international labour and human rights standard which is designed to support businesses achieve compliance to the Modern Slavery Act 2015, an act of the Parliament of the United Kingdom. It is designed to tackle slavery in the UK and consolidates previous offences relating to trafficking and slavery.

SA8000 requirements apply universally regardless of a company's size, its geographic location or industry sector. It is the first auditable standard, suitable for organisations of all sizes anywhere in the world, and provides a framework for assuring all the company's stakeholders that social accountability is being stewarded by the company management.

Summary

Forbo recognises that the SA8000 Standard leverages the power of both businesses and consumers to purchase products made from workplaces that enrich, not denigrate, the livelihoods of people.





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, flocced and entrance flooring products combine functionality, colour and design, offering total flooring solutions for any environment.

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