



# Healthcare

EXPERTS IN HEALTHCARE FLOORING



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### HELPING THE HEALING PROCESS

21st century healthcare design is about the creation of homely, relaxed environments that are safe and clean for patients, staff and visitors. The choice of floorcovering can have a major impact on the 'feel' of a hospital. When part of a complete design concept, floors can even aid the healing process.

### BEST VALUE FLOORING

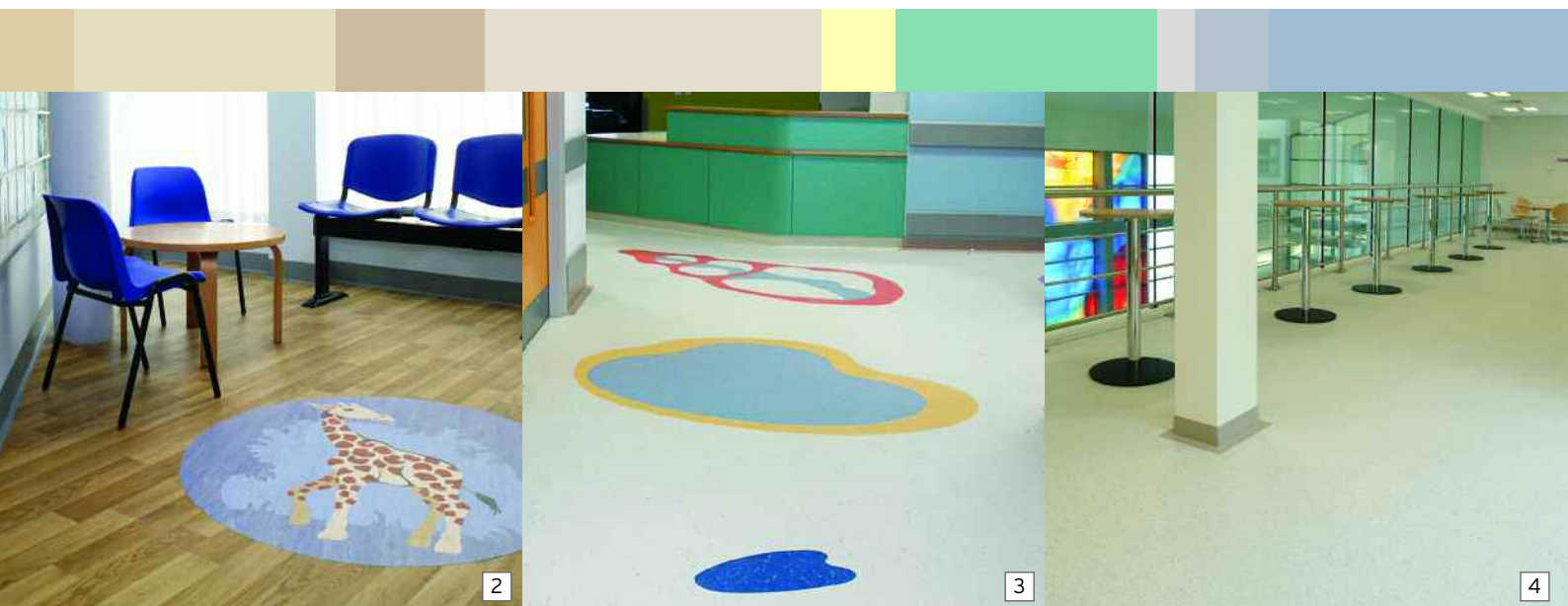
Budgets are tight in many new build or refurbishment projects and any client will wish for their floor to remain in excellent condition throughout its entire life and for the cleaning process to be as cost-effective and straightforward as possible.

Polyflor continues to be able to offer 'best value' flooring solutions where high quality and high performance are a given, together with low maintenance products that can generate significant life cycle cost savings.



### COLOUR AND DESIGN

These are the keys to achieving a positive contribution to patient care. Polyflor possesses a broad palette of contemporary colours, as well as stone, marble and wood effect designs. When you are developing a flooring concept, the Polyflor Expressions Design Service helps you to create a precision-cut, easy to install floor design to transform any healthcare facility.





# Welcome to the Polyflor Experience

Polyflor has the expertise, experience and flooring solutions for almost every conceivable area within the hospital.





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# HYGIENIC, PRACTICAL SOLUTIONS

## HIGHER PERFORMANCE

Hospital floors must perform. Criteria such as durability, slip resistance, hygiene and maintenance are vitally important. Polyflor's products offer a wide variety of performance characteristics to suit different healthcare environments, and all our products are tested to international standards. Our manufacturing process conforms to ISO 9001 and we have ISO 14001 environmental accreditation.

## CLOSE LINKS

Polyflor works closely with key healthcare organisations. In the UK, we sponsor the influential 'Architects for Health' think-tank. We have also worked with NHS Estates to create new flooring specifications and initiated research projects on hospital-acquired infections (HAIs) working with the Infection Control Nurses Association (ICNA).



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As a leading healthcare flooring provider, Polyflor offers both hygienic and practical solutions for the healing environment.

### PROTECTION AGAINST INFECTION

With the recent rise in infections such as MRSA and E-coli, hospital cleanliness has come under the spotlight. Results from independent testing certify that the majority of Polyflor ranges inhibit the growth of MRSA. However, in our experience, the best defence against infection is to implement an effective cleaning regime.

To make this regime more straightforward and less costly, Polyflor have 'low maintenance' options throughout our portfolio.

To further encourage hygiene compliance, alco-based hand gels are being increasingly used in hospitals. Often sited where there are no handwashing facilities on a hospital ward, many dispensers are housed along with a drip tray and instructions to 'rub hands together until dry'. Polyflor homogeneous PUR, heterogeneous PUR and Polysafe safety flooring ranges are compatible for use with the most commonly used alco-based hand gels. Some alco-based hand gels contain a high concentration of ethanol and to discuss their compatibility with other Polyflor floorcoverings, contact the Customer Technical Services Department [tech@polyflor.com](mailto:tech@polyflor.com).



Also as part of infection control measures and for general cleaning, many hospitals are now using steam equipment. The Polyflor homogeneous PUR and Polysafe ranges are suitable for steam cleaning on a periodic basis.







# ABOUT POLYFLOR

Part of the James Halstead Flooring Group, Polyflor pioneered homogeneous vinyl floorcoverings in the 1950s. Since then, the company has experienced rapid growth, first in the UK and then around the world. Today, Polyflor is an international company with many overseas subsidiaries, and over 50% of production exported.

In 2006 the Queen's Award for Enterprise was presented to the James Halstead Group for outstanding and continuous achievement in the category of International Trade.

More recently, in 2007, top-selling Polysafe sheet vinyl safety flooring has been presented with the Queen's Award for enterprise in the category for continuous product innovation and development.

We put our success down to customer focus and continuous improvement: two principles that have guided the expansion of our portfolio into decorative products, safety floorings, specialist floorings, luxury vinyl tiles and the SaarFloor rubber collection.

As a global business Polyflor does not underestimate, nor shrink from, the immense responsibility of protecting our environment for future generations. We have a clear vision of an environmentally and economically sustainable business which will be attained by the achievement of key environmental goals. We recognise this as the biggest single challenge to face our Company over the next ten to fifteen years.

To view a copy of the Environmentally Preferable Flooring Report visit [www.polyflor.com/environment](http://www.polyflor.com/environment) or telephone (0)161 767 2551.







# ENVIRONMENTALLY PREFERABLE FLOORING



BREEAM Healthcare is the preferred environmental assessment method for healthcare buildings. The requirement now is that all new builds achieve an excellent and all refurbishments achieve a very good rating under BREEAM Healthcare.

Polyflor is the first vinyl flooring manufacturer to achieve A+ certified environmental ratings for 13 of its products from BRE Global, certificate no ENP336.

Where Polyflor products have not been individually certified by BRE Global, generic ratings are also available.

Vinyl flooring achieves on average a generic BRE Global A+ rating for most vinyl varieties. Within the healthcare sector - all categories - homogeneous, heterogeneous, LVT, safety and rubber all achieve a generic BRE Global A+ rating.

The BRE method of environmental profiling continues to ensure that reliable and comparable environmental information is available in the marketplace.



## HOMOGENEOUS

Prestige PUR  
Mystique PUR  
Classic Mystique PUR  
2000 PUR  
XL PU  
Standard XL

## SAFETY

Polysafe Corona  
Polysafe Astral  
Polysafe Vogue Ultra  
Polysafe Strata  
Polysafe Standard  
Polysafe Hydro  
Polysafe Ultima

For more detail about how these ratings are arrived at by BRE Global visit [www.thegreenguide.org.uk](http://www.thegreenguide.org.uk)





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# ENTRANCE AND RECEPTION AREAS

## ENTRANCE AREAS

Create the perfect first impression. Entrance areas say 'welcome' to staff, visitors and patients alike. However they have to cope with dirt and moisture walked in from outside the building and high traffic levels and so may require more intensive, frequent cleaning than upper floor, low circulation corridors.

An effective dirt barrier system should be considered early in the specification stage to help reduce maintenance costs and protect the floorcovering in main circulation areas.

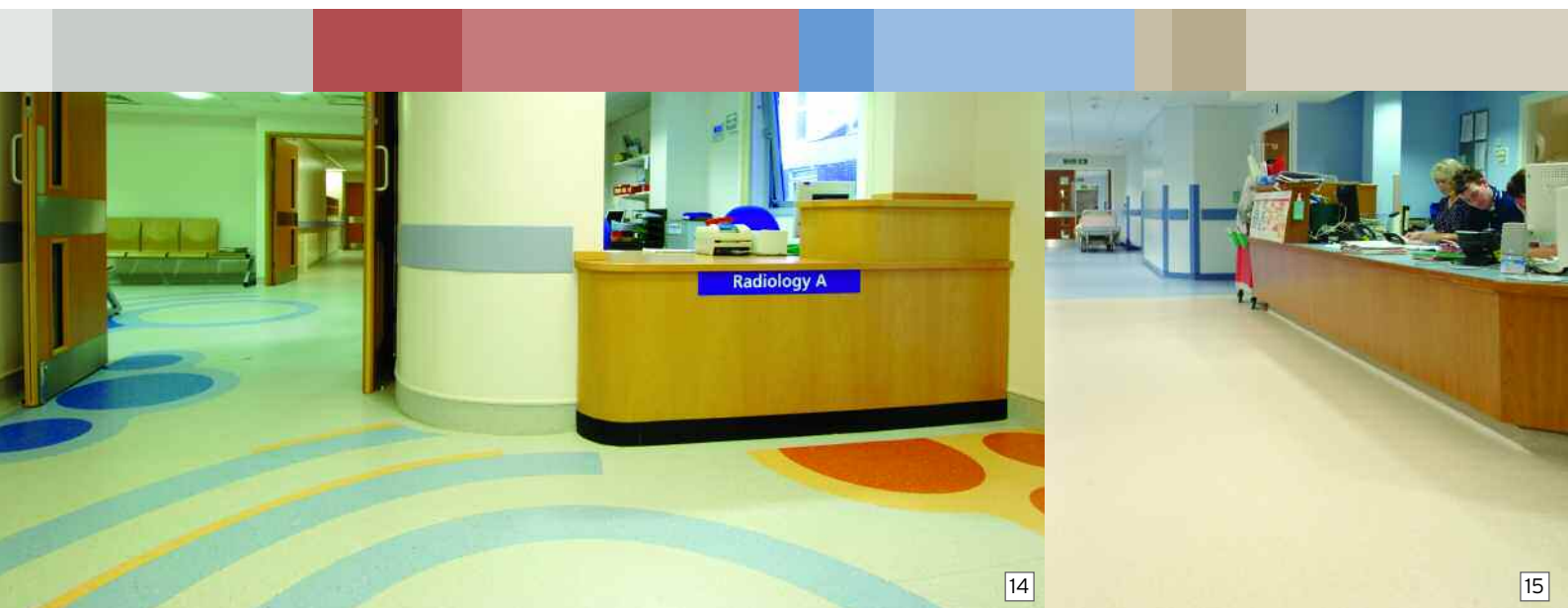
## RECEPTION AREAS

Elegant and realistic wood designs from Polyflor Forest FX PUR is installed in main reception and waiting areas throughout the Ancoats Health Centre - a Manchester, Salford and Trafford (MaST) LIFT project.

Forest FX can be welded at the seams to provide a hygienic surface, offering no sanctuary to dirt and bacteria, and is available in sheet format, providing the flexibility to cover large flooring areas swiftly.



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Polyflor floorcoverings can help enhance patient wellbeing, through imaginative use of colour and design.



A Senior Matron at the Derby City Hospital said:

"The aim of making the whole area more child friendly and introducing an element of fun to the unit was at the heart of the work. The flooring has created a warm, friendly and welcoming environment which will appeal to youngsters of all ages and from all backgrounds. Many of the unit's patients have conditions which may necessitate regular visits to the CED making it all the more important that they are as comfortable as possible in their surroundings."



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## CORRIDORS AND WALKWAYS

Corridors are particularly high circulation areas and require flooring which is able to withstand heavy traffic. Polyflor vinyl flooring is very hardwearing with consistent colouring and high resistance to abrasive wear throughout its life.

To brighten corridor floors complementary borders can be installed and designs incorporated, such as a river effect design that winds its way through corridors and wards in the Albert Ward at St Thomas' Hospital, London.

Where it is desirable to encourage a quieter working environment, a unique combination of sustainable slip resistance, excellent acoustic performance and outstanding good looks, led Butterwick Hospice Care to choose Polysafe Wood FX Acoustic for the reception area and corridors.



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As a leading healthcare flooring provider, Polyflor offers both durable and design-led solutions for the healing environment.



Stunningly bold and colourful floral and geometric inlaid floor motifs are brought to vivid life throughout the new children's unit at the Gloucestershire Royal Hospital.

Featuring a range of eye-catching shades from the Polyflor Mystique PUR range of low maintenance heavy duty sheet vinyls, the designs are the work of Falmouth-based artist and arts lecturer Sue Kinley. They are a key part of the Gloucestershire Hospitals NHS Foundation Trust's "Leading the Way" arts strategy - a three-year programme of art commissions and arts projects aimed at enhancing the hospital environment.

**LIFELONG  
POLISH  
FREE  
MAINTENANCE**



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# WARD AREAS

## PATIENT WELLBEING

It is widely recognised that to enhance patient wellbeing, attention to the whole environment is necessary. The wide colour palette and decoration options of the Polyflor product portfolio will make achieving an integrated colour scheme much easier with no compromise on hygiene.

The excellent durability and attractive appearance of Polyflor PUR ranges are ideal for ward environments and feature low maintenance polyurethane reinforcement (PUR) which protects the floor and facilitates a lifelong polish-free maintenance regime.

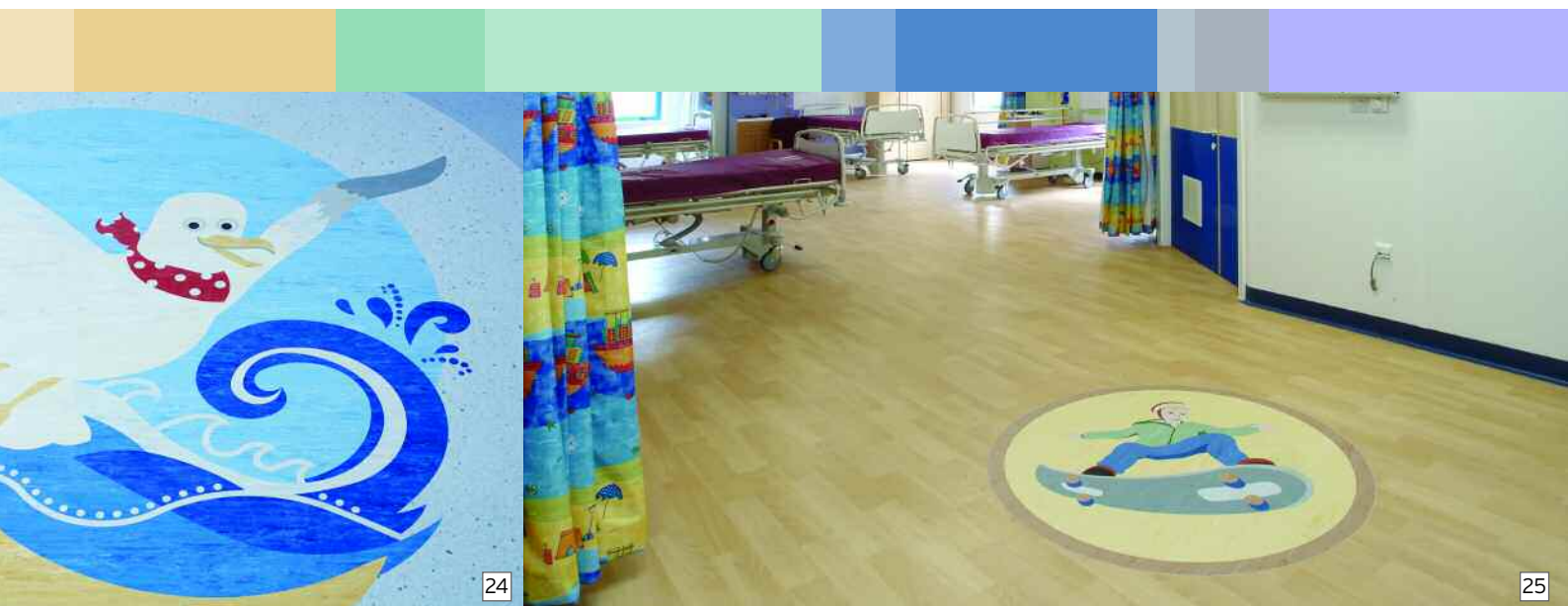
## CHILDREN'S AREAS

Decorative floorcoverings can create a calming and pleasant foundation for hospital décor. Fun, friendly and practical floors are particularly important in children's areas in order to make them as relaxed and at home as possible.

For a partner with creative flair and flexibility, the Polyflor Expressions Design Team is available to support you throughout every stage of your project.



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# PUBLIC AREAS

## WAITING AREAS

Waiting areas used by both visitors and patients are key communal spaces within any healthcare environment. Polyflor can help create a comfortable area, with added interest through the use of floor art with colourful and creative flooring designs.

Alternatively, to enhance and complement existing light, bright décor, Polyflor Forest FX is ideal for waiting areas as the timber effect sheet vinyl flooring creates a touch of elegance.

## CIRCULATION AREAS

Highly suited to heavy footfall areas and retaining sustainable slip resistance, Polysafe Wood FX is the new breed of safety flooring designed to bring beauty and safety together in areas where there is a risk of contaminant spillages, such as vending machines.



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# EATING AND DRINKING

## CAFÉS AND RESTAURANTS

A relaxed, fresh and inviting environment can be created combining the hygienic, practical and aesthetic benefits of Bevel Line from Polyflor. Suitable for very heavy commercial and heavy light industrial use, the collection features a polyurethane surface treatment to assist on-going maintenance.

## FOOD PREPARATION AREAS

Safety flooring is ideal for high footfall areas that require increased levels of slip resistance such as food preparation areas and busy commercial kitchens.

Polysafe Ultima is ideal in heavily trafficked areas, where high risks of oil and grease spillages demand that a floor performs day in, day out.

Being fully HSE compliant and able to cope with the expected levels of spillage, Polysafe Ultima is tried and tested to give its users confidence in this challenging environment.



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For continually wet and barefoot areas such as walk-in showers and hydrotherapy areas, Polysafe Hydro and its distinctive raised pimple emboss is the recommended choice to give sustainable slip resistance to both patients and staff alike.

## HYGIENE CRITICAL

### SHOWERS, BATHROOMS AND WASH ROOMS

Hygiene is the priority. Polyflor sheet floorcoverings can be welded and finished to create a continuous, impervious floor that offers no sanctuary to dirt and bacteria.

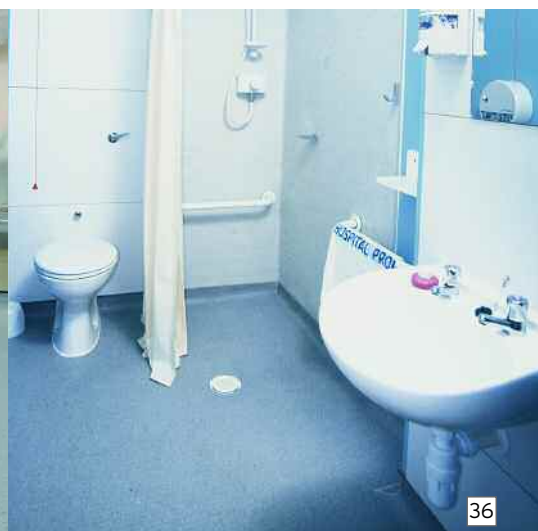
Wet areas require a high-performance safety flooring to reduce the risk of slipping. With guaranteed levels of slip resistance, the Polysafe safety flooring collection offers an array of products for all possible applications with a level of performance and quality second to none.

### OPERATING THEATRES

Sensitive monitoring equipment can be protected by installing floors from the Polyflor ESD family. Our technical staff can provide advice on testing and combating electrostatic discharge in X-ray suites, scanner rooms and operating theatres.

### ASEPTIC AREAS

The Polyclad PU ranges of wall and ceiling claddings are designed to be welded to any Polyflor sheet floorcovering to create a neat, clean and watertight finish. These characteristics make it ideal for use in clean rooms, laboratories and pharmaceutical areas.







# The home of Low maintenance

## MAINTENANCE SOLUTIONS

### MAINTENANCE IS A LIFE-LONG ISSUE

Poor maintenance damages aesthetics, impairs performance, shortens floor life and creates hygiene problems in critical areas. It is therefore essential to develop a regime appropriate to the area in question. The machinery, materials and labour costs of a lifetime's maintenance far outweigh the initial purchase and installation cost of a floor. Anything that can reduce costs and make cleaning easier promises real, long-term benefits for the hospital.

In the battle against infection, a stringent cleaning regime throughout is key to creating a hygienic and safe hospital environment. And this includes ensuring the flooring is kept clean - a clean floor is a healthy floor.

In recognition of this, Polyflor provides low maintenance options right across our product portfolio, such as Suprathec<sup>+</sup>, PUR and PU.

This combined with in-depth maintenance information and technical support will help cleaning staff achieve a long-lasting hygienic and attractive floor.







# nance



## SUPRATEC<sup>+</sup> FAMILY

- ▶ Solution to intensive maintenance of traditional safety floorings.
- ▶ Supratec<sup>+</sup> is an exclusive, newly enhanced polymer system which facilitates easier soil release.
- ▶ Significantly easier maintenance throughout the life of the product whilst retaining the same levels of slip performance.
- ▶ Up to 60% lifecycle cost savings over a span of 15 years when compared to traditional untreated safety flooring, together with excellent appearance retention.



## PUR FAMILY

- ▶ Polyurethane reinforcement provides enhanced protection and an easier maintenance regime.
- ▶ Facilitates a lifelong polish-free maintenance regime, leading to overall maintenance cost savings of ca. **48%**.



## PU FAMILY

- ▶ Polyurethane surface treatment which provides an excellent foundation for an ongoing maintenance regime.
- ▶ Protection leads to ca. **24%** cost savings on maintenance when compared to untreated products.

## SUPPORT THROUGHOUT YOUR PROJECT

To ensure that the maximum benefit is gained from our products in use, Polyflor provides a fully comprehensive Technical Information Manual. The information can also be viewed on the Polyflor website at [www.polyflor.com/technical](http://www.polyflor.com/technical).

Further support is available from our Technical Sales Consultants, a knowledgeable Customer Technical Services team and an installation training school offering floor laying training courses.

No two healthcare facilities are the same, and different areas within the same hospital will have different maintenance requirements. Polyflor can provide tailored maintenance advice to hospital cleaning staff for any location, available to download at [www.polyflor.com](http://www.polyflor.com).



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## ACOUSTIC FLOORING SOLUTIONS

Achieving an acoustically effective environment is an essential requirement for many healthcare facilities. The purpose of acoustic floorcovering is to effectively assist in reducing the intensity of sound waves generated within the structure of a building, therefore dampening impact sound levels at source.

The Polyflor Acoustic range of floorcoverings - Forest FX Acoustic, Gallery FX Acoustic and Polysafe Wood FX Acoustic - all meet the high sound reduction level of 19dB and are available in a choice of highly realistic popular wood designs, stone designs and a mottled 'granite' effect.

Sound reduction can also be achieved by laying normal flooring onto an Acoustifoam backing sheet. This combination provides standard collections with added acoustic properties at a minimum level of 18dB.



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# COVERING THE WORLD

## INSTALLATION PHOTO REFERENCES

- |   |   |
|---|---|
| 1. West Middlesex Hospital, Middlesex, UK         | 22. Royal Berkshire Hospital, Reading, UK         |
| 2. The Millennium Centre, St Helens, UK           | 23. Birmingham Children's Hospital, UK            |
| 3. Gloucestershire Royal Hospital, Gloucester, UK | 24. Derby City Hospital, UK                       |
| 4. Wythenshawe Hospital, Manchester, UK           | 25. Alder Hey Hospital, Liverpool, UK             |
| 5. Nye Bevan House, Rochdale, UK                  | 26. Ancoats Health Centre, Manchester, UK         |
| 6. Clare Hall Laboratories, Potter's Bar, UK      | 27. Hospital vending area                         |
| 7. Centre for Sight, West Sussex, UK              | 28. East Leeds Health Centre, UK                  |
| 8. Armley Moor Health Centre, Leeds, UK           | 29. Blackburn Children's Centre, UK               |
| 9. Lower Wortley Primary Care Centre, Leeds, UK   | 30. Kitchen, Polysafe Ultima                      |
| 10. Sheffield Children's Hospital, UK             | 31. Royal Liverpool University Hospital, UK       |
| 11. Royal Gwent Hospital, Gwent, UK               | 32.33. Wrightington Hospital, Wigan, UK           |
| 12. Armley Moor Health Centre, Leeds, UK          | 34. Royal Oldham Hospital, Lancashire, UK         |
| 13. Ancoats Health Centre, Manchester, UK         | 35. Manor Hospital, West Midlands, UK             |
| 14. North Devon District Hospital, UK             | 36. Cumberland Infirmary, Carlisle, UK            |
| 15. Blackpool Victoria Hospital, UK               | 37. Queen Elizabeth Hospital, Woolwich, UK        |
| 16. Derby City Hospital, UK                       | 38. Wetherby Health Centre, Leeds, UK             |
| 17. Nye Bevan House, Rochdale, UK                 | 39. Manor Hospital, West Midlands, UK             |
| 18. St Thomas's Hospital, London, UK              | 40. Butterwick Hospice Care, Stockton-on-Tees, UK |
| 19. Butterwick Hospice Care, Stockton-on-Tees, UK | 41.42. Polyflor Acoustifoam                       |
| 20. Birmingham Children's Hospital, UK            | 43. American Hospital, Dubai                      |
| 21. Gloucestershire Royal Hospital, UK            | 44. Broadgreen Hospital, Liverpool, UK            |

## A SELECTION OF WORLD PROJECTS

Currimundi Hospital, Queensland	Australia	8,000m <sup>2</sup>
Royal Inland Hospital Kamloops BC	Canada	5,800m <sup>2</sup>
Clinica San Carlos de Apoquindo PUC	Chile	4,800m <sup>2</sup>
Porvoo Hospital	Finland	7,000m <sup>2</sup>
Gibraltar General Hospital	Gibraltar	15,000m <sup>2</sup>
Sansofia Children's Hospital	Greece	5,000m <sup>2</sup>
Pamela Youde Hospital	Hong Kong	120,000m <sup>2</sup>
Indraprastha Apollo Group	India	1,500m <sup>2</sup>
Beacon Court Hospital, Dublin	Ireland	12,000m <sup>2</sup>
Hospital, Bari	Italy	22,000m <sup>2</sup>
The King Abdullah Hospital	Jordan	12,000m <sup>2</sup>
Hospital de Cernin en Tampico	Mexico	19,000m <sup>2</sup>
Auckland Hospital	New Zealand	26,000m <sup>2</sup>
Jessheim Sykehjem Hospital	Norway	10,000m <sup>2</sup>
Peshawar Private Hospital	Pakistan	2,000m <sup>2</sup>
Nicolaus Copernicus Hospital	Poland	42,000m <sup>2</sup>
Nelson Mandela Hospital, Umtata	South Africa	26,600m <sup>2</sup>
Lokman Hekim Sincan Hospital	Turkey	10,500m <sup>2</sup>

## RECENT UK LIFT\* PROJECTS

### \*Local Improvement Finance Trust

Ancoats Health Centre  
Manchester, Salford & Trafford (MaST)  
Forest FX, Polysafe Astral

Armley Moor Health Centre  
Leeds & Barnsley LIFT  
Mystique PUR, Polysafe Vogue Ultra

Richardson Community Hospital  
Care Partnerships 25  
Mystique PUR, Polysafe Corona

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FLOORING

