

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, clean and welcoming. An uplifting environment with a positive ambience can inspire health and well-being amongst patients, staff and visitors. The choice of floorcovering, when part of the complete design concept, can have a major impact on the 'feel' of a hospital, making a real difference to the patient experience.

SPECIFICATION GUIDANCE DOCUMENTS

Different locations within a hospital have different flooring performance requirements. The choice of floorcoverings available in the marketplace is extensive and to simplify the specification process, Government guidance documents, HTM 61 and SHTM 61 are available to project and design teams, as well as those responsible for the construction of health buildings.

These documents are applicable to new building work and renewal in existing health buildings and offer guidance on the technical design and output specification of flooring.

Polyflor is able to demonstrate fitness for purpose of products across all categories of performance as outlined in HTM 61 and SHTM 61, to meet project and specification requirements.

HEALTHCARE EXPERIENCE

As a leading commercial vinyl flooring supplier to the Healthcare sector over many years, customer focus and continuous improvement are the two principles that have guided the expansion of our products to be environmentally sustainable, easier to use and multi-functional - ideal for today's modern healthcare facilities.

Part of the James Halstead Flooring Group, Polyflor is the only UK-based manufacturer of a full range of resilient floorcoverings.

We are well positioned to support projects throughout the UK from our brand new distribution centre in Oldham, equipped with state-of-the-art picking and stock control systems.

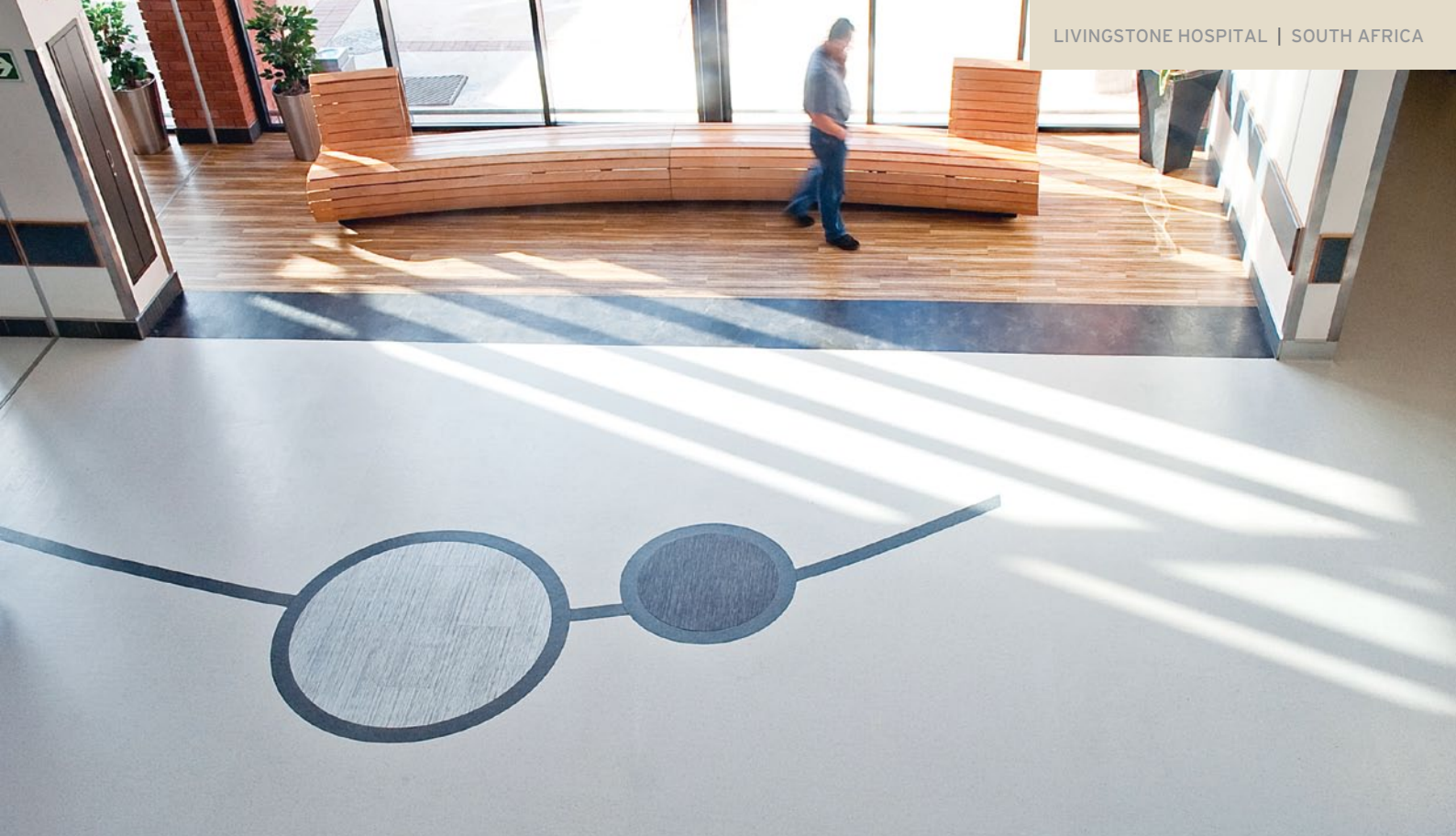
To further ensure excellent product availability, Polyflor has developed strong relationships with its extensive network of distribution partners throughout the UK and worldwide.



FRONT COVER IMAGE: LIVINGSTONE HOSPITAL | SOUTH AFRICA



OLDHAM SITE | POLYFLOR LTD UK



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.

DESIGN & COLOUR

Design and colour contribute positively to the comfort and welfare of the patient by creating light, bright and airy spaces.

Polyflor possesses a broad palette of contemporary colours, as well as stone, marble and wood effect designs giving the specifier the opportunity to create bespoke schemes with a distinct non-clinical feel.

When developing a flooring concept, the Polyflor Design Service helps you to create a precision-cut, easy to install floor design to transform any healthcare facility.



FIRSTCARE PRACTICE | UK

ENVIRONMENTALLY PREFERABLE FLOORING

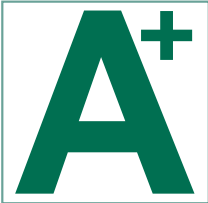
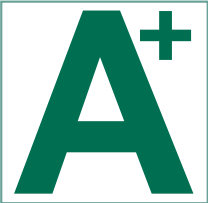
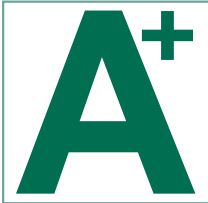
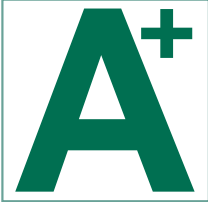


BREEAM Healthcare is the preferred environmental assessment method for healthcare buildings. The requirement now is that all new builds achieve an excellent rating and all refurbishments achieve a very good rating under BREEAM Healthcare.

BRE GLOBAL CERTIFICATION

Polyflor's Homogeneous, Safety, Heterogeneous and LVT ranges have been individually assessed by BRE Global to measure their environmental impact. Polyflor is the first vinyl flooring manufacturer to achieve A+ certified environmental ratings for currently 23 of its products from BRE Global, certificate number ENP336, ENP415 and ENP429.



Safety	Homogeneous	Heterogeneous
 <ul style="list-style-type: none">Polysafe Astral PURPolysafe Mosaic PURPolysafe Corona PURPolysafe HydroPolysafe Standard PURPolysafe StrataPolysafe UltimaPolysafe Vogue Ultra PURPolysafe Wood fx PURPolysafe Wood fx Acoustix PUR	 <ul style="list-style-type: none">Pearlazzo PUR2000 PURClassic Mystique PURMystique PURPrestige PURXL PUStandard XL	 <ul style="list-style-type: none">Forest fx PURAcoustix Forest fx PURAcoustix Gallery fx PUR
		<h3>LVT</h3>  <ul style="list-style-type: none">Expona Design PUKudos PUBevel Line PU

For more information on our certification, visit www.greenbooklive.com



Overall, Polyflor's certified ratings are impressive, particularly in the key area of health, where BREEAM ratings are linked to government funding.

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 Polyflor categories - Homogeneous, Heterogeneous, Acoustic, LVT, Safety and Rubber - achieve a generic BRE Global A+ rating.

The BRE method of environmental profiling continues to ensure that independent, reliable and comparable environmental information is available in the marketplace. Using these ratings sets a benchmark for environmental excellence and ensures consistency across BREEAM Healthcare schemes.

INDOOR AIR QUALITY (IAQ)

Indoor air quality is, quite rightly, a key environmental consideration when selecting building products. Within a complex hospital environment special attention is paid to levels of indoor air quality in order to protect patients and staff against hospital acquired infections (HAIs). Polyflor vinyl flooring makes a significant contribution to creating indoor environments with very low VOC emissions.

Tested to some of the most stringent international standards - FloorScore® and AgBB - Polyflor continually develop and improve formulations for all flooring ranges to ensure their VOC emissions levels are kept at the lowest levels achievable and provide no significant negative contribution to indoor air quality within a hospital environment.





ENTRANCE AND RECEPTION AREAS



LIVINGSTONE HOSPITAL | SOUTH AFRICA

ENTRANCE AREAS

Create the perfect first impression with a clear and welcoming entrance area for staff, visitors and patients alike. As the main gateway to the hospital building, entrance floors have to cope with high traffic levels, as well as dirt and moisture being walked in from outside.

Consequently, this area may require more intensive, frequent cleaning than upper floor, low circulation corridors, and the choice of colour, decoration and style, need not be compromised.

An effective dirt barrier system should also be considered early in the specification stage, providing a useful addition to other cleaning mechanisms.

RECEPTION AREAS

Well-planned reception areas have the space and the capacity to provide a comfortable and accessible front of house facility.

The choice of floorcovering can enhance the existing décor, at the same time as providing a high design and hardwearing option suitable for an area of intense footfall.





LIVERPOOL HOSPITAL | AUSTRALIA



CORRIDORS AND WALKWAYS

CORRIDORS AND WALKWAYS

The operational requirements of a hospital environment are inherently complex. The easy flow of patients, supplies and staff between and among departments increases efficiency around such a busy environment.

Link corridors are particularly high circulation areas and require flooring which is able to withstand constant pedestrian and wheeled heavy traffic.

Particular attention must be paid to the type and density of this traffic, along with any special acoustical, electrical resistance or slip resistance requirements necessitated by the specific area.

Durability is vitally important and all Polyflor homogeneous and heterogeneous vinyls comply with EN 649 with a high resistance to abrasive wear throughout their life.

Clear information signs and department locators can be incorporated into floor schemes to assist visitors with wayfinding to direct them quickly to different zones.

Additional features can include complementary or contrast borders with inlaid designs and wood-effect finishes for a highly realistic replication of natural materials.

DERBY CITY HOSPITAL | UK





WARD AREAS



ROYAL PRINCE ALFRED HOSPITAL | AUSTRALIA

PATIENT WELLBEING

It is widely recognised that to enhance patient wellbeing, attention to the whole environment is necessary, including the choice of floorcovering.

Ward areas in particular are required to provide a high level of privacy and dignity for the patient, as well as sufficient space for nursing staff to deliver care.

At Polyflor we believe that the ward floor must not only look good, but also perform well, so that it is impermeable, hygienic, safe and fit-for-purpose.

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 feel as relaxed and at home as possible.

For a partner with creative flair and flexibility, the Polyflor Design Team is available to support you throughout every stage of your project, from colour to designs to layouts and on-screen CAD rendering and colour options.





FOREST FX



LIVINGSTONE HOSPITAL | SOUTH AFRICA

PUBLIC AND PATIENT AREAS

WAITING AREAS

Waiting areas used by visitors and patients are key communal spaces within any healthcare environment.

Polyflor floorings can help create a customised 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, timber effect sheet vinyl flooring is ideal for waiting areas to create a touch of elegance, giving a less formal, institutional feel.

Where there is a risk of spillages, such as around vending machines or water dispensers, safety flooring is specified increasingly to provide underfoot safety.

For an effective solution to noise transfer, acoustic floorcoverings in patient lounge areas can provide a quieter environment for patients and staff with a high impact sound reduction of up to 19dB. The Polyflor Acoustic Collections, in line with Building Regulation Part E, are manufactured in accordance with EN ISO 140-8.

EATING AND DRINKING

CAFES AND RESTAURANTS

A relaxed, fresh and inviting environment can be created combining the hygienic, practical and aesthetic benefits of Polyflor floorings.

Where there is a risk of spillage or wetness that could make the floor slippery and unsafe, decorative safety floors can be used to create an attractive cafeteria-style ambience.

FOOD PREPARATION AREAS

In extremely demanding areas where there is a high risk of oil and grease spillages, a product with a high aggregate concentration and specially engineered emboss has been developed by Polyflor. Offering enhanced levels of traction and safety underfoot, Polysafe Ultima, has been tried and tested to give users confidence in this challenging environment.



ALEXANDER CARE HOME | UK



HINCHINGBROOKE HOSPITAL | UK



HYGIENE CRITICAL

SHOWERS, BATHROOMS AND WASH ROOMS

Hygiene and safety are the priority.

To create a continuous, impervious floor that offers no sanctuary to dirt and bacteria, Polyflor sheet floorcoverings can be welded and this includes the internal and external joints when the vinyl sheet is site cove formed.

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 with a level of performance, quality and hygiene second to none that can also be welded to prevent dirt ingress.

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.

ST JOSEPHS HOSPICE | UK

CANCER RESEARCH | UK





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

WARWICK HOSPITAL | UK





THE HOME OF LOW MAINTENANCE

Poor maintenance damages aesthetics, impairs performance, shortens floor life and creates hygiene problems in critical areas. In recognition of this, Polyflor provides low maintenance options right across our product portfolio, such as Polyflor PUR, Polyflor PU, Polysafe PUR and Polysafe Supratec PUR.

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

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 on the flooring. However, in our experience, the best defence against infection is to implement an effective cleaning regime.

A clean floor is a healthy floor

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).

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.

RESISTANCE TO CHEMICALS

Polyflor vinyl floorcoverings are suitable for use in all areas where most chemicals are used and there is only risk of accidental spillage.

Provided the Polyflor approved maintenance regimes are adhered to, substances such as blood should not leave a stain on the surface of material.

A comprehensive guide to chemical effects and staining by product shade is available upon request.



HOMOGENEOUS PU FAMILY

- Polyurethane surface treatment which provides an excellent foundation for an easy, ongoing maintenance regime, available on **XL PU**.
- Facilitates a considerable reduction in energy, water, polish and chemicals.
- **24% maintenance cost savings** over its typical 20 year life when compared with untreated homogeneous vinyl flooring.



HOMOGENEOUS PUR FAMILY

- Maintenance enhancement available on leading Polyflor homogeneous ranges - **Pearlazzo PUR, Prestige PUR, Mystique PUR, Classic Mystique PUR** and **2000 PUR**.
- Polyflor's homogeneous PUR is a polyurethane reinforcement to facilitate an easier and more environmentally friendly maintenance regime.
- PUR reinforcement is specially cross-linked and UV cured for superior cleaning benefits, enhanced protection and optimum appearance retention.
- Facilitates a **lifelong polish free maintenance** regime and consumption of energy, water and chemicals are significantly reduced.
- **48% maintenance cost savings** over its typical 20 year life when compared with untreated homogeneous vinyl flooring.



POLYSAFE PUR FAMILY

- Maintenance enhancement available on decorative **Polysafe Mosaic PUR, Vogue Ultra PUR, Wood fx PUR** and **Wood fx Acoustix PUR**.
- Polysafe PUR is an exclusive polyurethane reinforcement applied to the product to facilitate easier soil release.
- PUR reinforcement is specially cross-linked and UV cured for **superior cleaning benefits and optimum appearance retention**.
- **60% life cycle maintenance cost savings** achieved when compared with untreated safety flooring.
- Easier maintenance regime means reduced need for energy intensive cleaning, chemical usage and water consumption, keeping environmental impact to a minimum.



POLYSAFE SUPRATEC PUR FAMILY

- Maintenance enhancement available on leading Polysafe ranges - **Corona PUR** and **Astral PUR**.
- Engineered to provide the best in colour, aesthetics and flexibility.
- Polysafe Supratec PUR is an exclusive polyurethane reinforcement to facilitate easier soil release.
- PUR reinforcement is specially cross-linked and UV cured for **superior cleaning benefits and optimum appearance retention**.
- **60% life cycle maintenance cost savings** achieved when compared with untreated safety flooring.
- Easier maintenance regime means reduced need for energy intensive cleaning, chemical usage and water consumption, keeping environmental impact to a minimum.

DESIGN SERVICE

There's virtually no limit to the shape, patterns or pictures you can create with the help of the Polyflor Design Service. Using the world's most advanced computerised waterjet cutting machines to transform the design into a flooring 'jigsaw', with astonishing precision, the opportunity to create a bespoke piece of artwork becomes a reality.

In the UK, Polyflor sponsors the influential 'Architects for Health' think-tank that promotes and campaigns for better healthcare environments by bringing together those sharing an interest for excellence in the design of healthcare facilities.



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."

DERBY CITY HOSPITAL | UK





COVERING THE WORLD

A SELECTION OF WORLD PROJECTS

Royal North Shore Hospital
 Apollo Hospital Dhaka
 Hospitales Media Salude
 Hospital Haemodialysis Centre, Pleven
 Sturgeon Hospital
 Shenyang Children's Hospital
 Nurses Teaching College, Nicosia
 Kreisklink Fürstenfeldbrück
 Erasinio hospital
 Narayan Hrudayalay
 San Filippo Neri Rome
 Hospital in Majeiki
 Instituto Ciencias Genomicas
 Hospital in Plock
 Hospital Santa Maria
 St Petersburg, Children's Orthopedic Institute
 Al Qaratt Hospital
 Ankara University IBN I Sina Hospital
 Hospital Británico
 Jersey Shore Medical Centre, New Jersey

Australia
 Bangladesh
 Brazil
 Bulgaria
 Canada
 China
 Cyprus
 Germany
 Greece
 India
 Italy
 Lithuania
 Mexico
 Poland
 Portugal
 Russia
 Saudi Arabia
 Turkey
 Uruguay
 USA

Polyclad Plus
 2000 PUR
 XL PU
 Polysafe Standard
 2000 PUR, Forest FX
 Pearlazzo PUR
 2000 PUR, Polyflor SD
 Mystique PUR
 Mystique PUR, Finesse EC
 variety
 Standard XL, Finesse EC
 XL PU, Polyclad
 2000 SD, Finesse EC
 2000 PUR, Mystique PUR
 Classic Mystique PUR, Prestige PUR, Finesse EC
 Finesse EC
 2000 PUR
 Mystique PUR
 Prestige PUR
 XL PU, Forest FX

RECENT UK LIFT* PROJECTS

*Local Improvement Finance Trust

One Life Hartlepool
 Care Partnerships 25 Ltd
 LIFT Co for Tees Valley and South Durham
 Expona Design

Chadderton Wellbeing Centre
 Community 1st Oldham LIFT
 Classic Mystique PUR, Expona Wood,
 Polysafe Astral PUR, SaarFloor Noppe Stud Tile

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



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FLOORING

