



Setting the standard...  
IN SAFETY FLOORING MAINTENANCE





RRL Pendulum Test  
**36+**  
(Max. test) Slip Resistance

# Bringing Safety and Cleanability into the Spotlight

Welcome to the Polyflor world of low maintenance vinyl safety flooring, where an advanced level of cleanability goes hand in hand with sustainable slip resistance for complete reassurance to all in the specification chain.

The Polysafe collection now boasts a number of ranges specially enhanced with a ground breaking, new Polysafe PUR reinforcement, fused to the product to provide sustainable and unrivalled maintenance benefits.

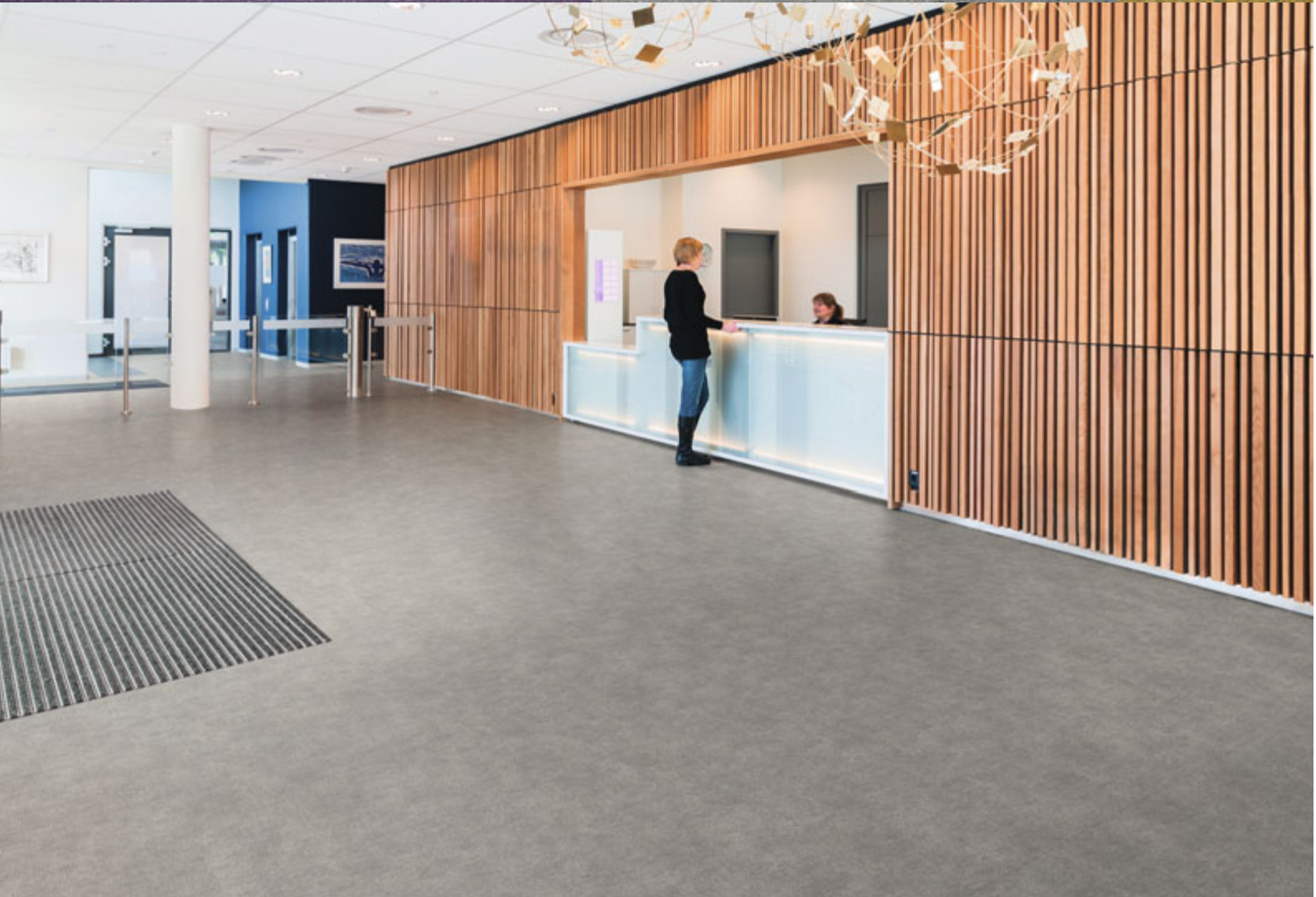
Taking the same tried and trusted technology used across Polyflor PUR homogeneous ranges and specially adapting this to Polyflor's safety flooring production line, gives a super-durable PUR reinforcement that makes Polysafe easier to clean than ever. Whether used in traditional safety areas or at front of house where good looks, high design and built-in slip resistance are key considerations, Polysafe PUR cleans up like a dream.

Whether it's the gold standard safety flooring with Polysafe Supratec PUR or decorative ranges with Polysafe PUR, now you can set your standard in safety flooring maintenance and raise the benchmark in flooring specification. Take a look inside for a visual presentation of superior cleaning performance.





POLYSAFE ASTRAL PUR



POLYSAFE ARENA PUR

## Setting the Standard in Safety Flooring



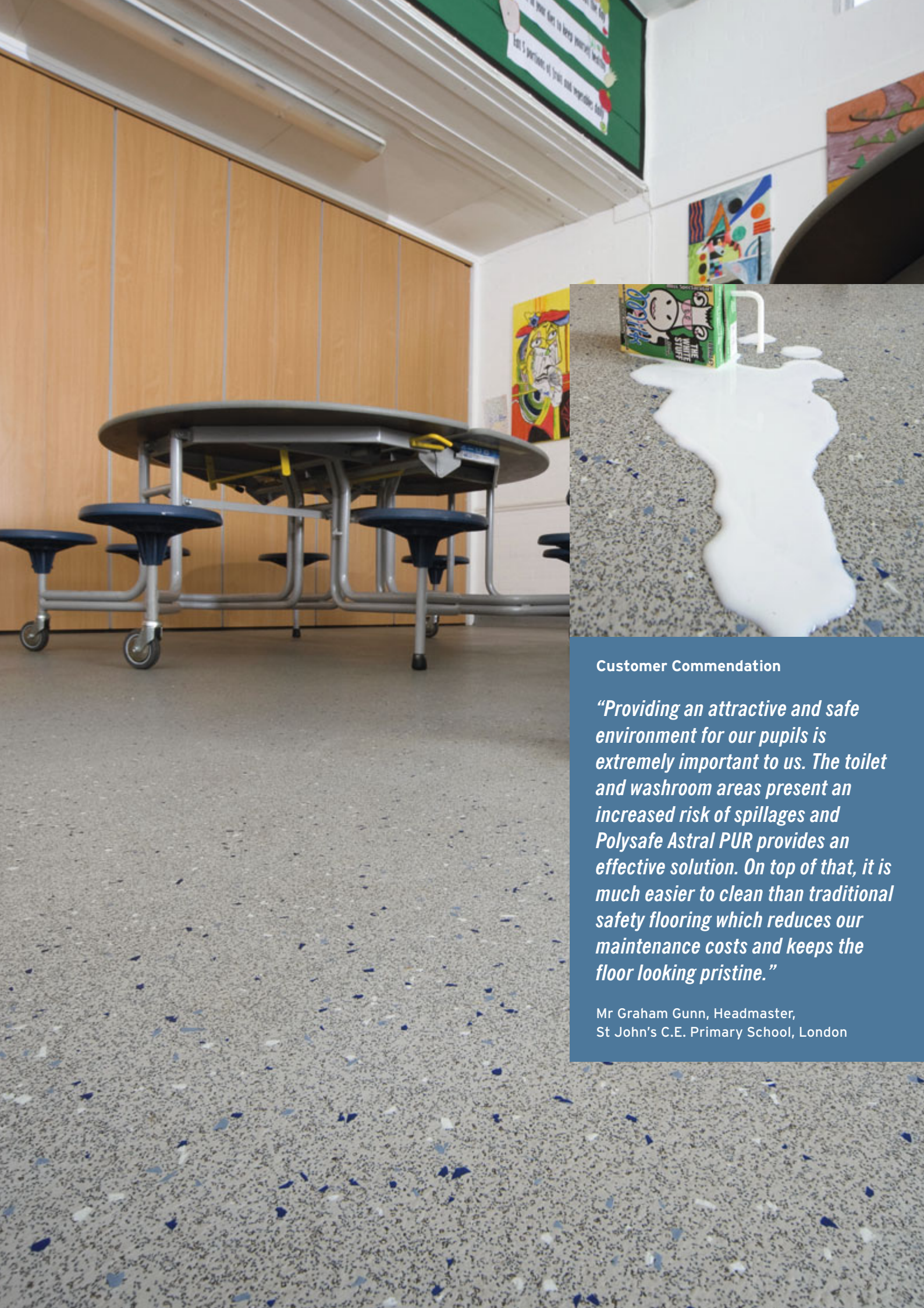
- 3rd generation maintenance enhancement available on flagship **Polysafe Corona PUR** & **Polysafe Astral PUR** ranges
  - Engineered to provide the best in colour choice, aesthetics and product flexibility
  - **Polysafe Supratec PUR** is an exclusive polyurethane reinforcement applied to the product for superior cleaning benefits
  - PUR reinforcement is specially cross-linked and UV cured for easier soil release and optimum appearance retention
  - **60%** life cycle maintenance cost savings can be achieved with Supratec PUR products when compared with untreated safety flooring
  - Easier maintenance regime provides reduced need for energy intensive cleaning, power use, chemical usage and water consumption, keeping environmental impact to a minimum
- Maintenance enhancement available on decorative ranges - **Modena PUR, Arena PUR, Mosaic PUR, Wood FX PUR, Vogue Ultra PUR, Standard PUR** and **Wood FX Acoustix PUR**
  - **Polysafe PUR** is an exclusive polyurethane reinforcement applied to the product for superior cleaning benefits
  - PUR reinforcement is specially cross-linked and UV cured for easier soil release and optimum appearance retention
  - **60%** life cycle maintenance cost savings can be achieved with Polysafe PUR products when compared with untreated safety flooring
  - Easier maintenance regime provides reduced need for energy intensive cleaning, power use, chemical usage and water consumption, keeping environmental impact to a minimum



**Customer Commendation**

*“Polysafe Mosaic PUR was an ideal choice for our cafeteria. It looks brilliant, it is easy to clean and it offers great slip resistance – all very important for a busy dining environment.”*

Ray Curtis, Facilities Manager, Chaucer Centre, Merton



#### Customer Commendation

*“Providing an attractive and safe environment for our pupils is extremely important to us. The toilet and washroom areas present an increased risk of spillages and Polysafe Astral PUR provides an effective solution. On top of that, it is much easier to clean than traditional safety flooring which reduces our maintenance costs and keeps the floor looking pristine.”*

Mr Graham Gunn, Headmaster,  
St John's C.E. Primary School, London

# Polysafe PUR Cleaning Benefits

The specially developed technology applied to Polysafe PUR products means that a cleaner's daily maintenance regime is made much easier.

In January 2010, Polyflor commissioned an on-site cleaning trial to test Polysafe PUR flooring. Safety flooring was installed into a busy link corridor, near an external doorway and with no barrier matting in place. The area was regularly subjected to shod traffic from work boots, seven days a week. Polysafe Mosaic PUR was chosen and cleaned only periodically with a mop, bucket and neutral detergent with enforced gaps in the frequency of maintenance so that dirt pick up could be monitored over the months. The new Pearlite white shade was chosen to show any long term change in appearance and colour.

In June 2010, the floor was cleaned with a micro fibre mop, at first only with water to show a significant restoration of the product's appearance. Following this, the floor was cleaned with a micro fibre mop using neutral detergent diluted with water to achieve an optimum appearance and dirt pick up level, retaining the product's impressive sparkle.

*To demonstrate the superior cleaning benefits of the Polysafe PUR technology, here, new Polysafe Mosaic PUR (Pearlite 4115) is cleaned only with water and a micro fibre mop to show how easily dirt is picked up.*



*The benefit of the Polysafe PUR reinforcement is clearly shown. The flooring's appearance is well on the way to be retained, in sharp contrast to the floor area on the left, which had not been cleaned for a number of days.*



*Above, the flooring is being cleaned with a micro fibre mop and neutral detergent diluted to manufacturer's instructions to bring it back looking its very best.*







### Recommended Floorcare for all Polysafe PUR ranges

Initially, only water and a micro fibre mop were used in the cleaning trial to demonstrate the easy clean benefits of Polysafe PUR. Water alone is not recommended for ongoing maintenance. Polyflor has issued dedicated floorcare guidance to optimise the benefits of the Polysafe PUR technology, to maximise dirt pick up and benefit from the life cycle maintenance cost savings achievable over the life of the floor. This following information is also available to download from [www.polyflor.com](http://www.polyflor.com)

#### Routine Floorcare Guidance

- To be undertaken on a daily basis, using clean equipment each time to eliminate streaking
- Remove surface dust and grit by sweeping or vacuum
- Apply a solution of neutral cleanser (or alkaline cleanser, dependent upon the level of contaminant viscosity) diluted to the manufacturer's instructions
- Spray over the section to be cleaned
- Leave for sufficient time to react with the soiling
- Pick up the solution with a clean micro fibre mop, using a continuous side-to-side motion
- When the mop head becomes loaded, remove dirty mop head and place into laundry bag
- Fit clean mop head
- Repeat floor cleaning cycle until whole floor is completed
- Dirty mop heads should be laundered, in preparation for re-use
- Where detergent residue remains on the floor surface, the area should be rinsed completely with clean, warm water, picked up with a wet vacuum and left to dry thoroughly.
- In heavily soiled areas, machine scrubbing should be undertaken on a periodic basis, with neutral or alkaline cleanser diluted to the manufacturer's instructions
- As well as a mechanical 165rpm rotary scrubbing machine, a deck scrubber or mop & bucket system can be used with appropriate neutral or alkaline cleanser. All Polysafe PUR ranges are suitable for steam cleaning on a periodic basis.

Full details of recommended detergents are available from Polyflor Customer Technical Services on +44(0)161 767 1912 or e-mail [tech@polyflor.com](mailto:tech@polyflor.com). Alternatively, download the Polyflor Approved Maintenance Products sheet via the Technical section of [www.polyflor.com](http://www.polyflor.com)



*Polysafe Corona PUR with commonly used alco-based hand gel applied to the surface.*



*Flooring shows no visible marking after gel left for 24 hours and removed only with water.*

In healthcare environments, it is important that the choice of flooring can stand up to regular spillages of hand gels that are used throughout hospital wards and patient treatment areas. All Polysafe PUR ranges are found to be compatible with the most commonly used alco-based hand gels. The Polysafe PUR cleaning technology has been tested in Polyflor laboratories with a number of gels obtained from healthcare establishments and all show no effect or visible marks after being left on the floor for 24 hours and cleaned only with water. Contact Polyflor Customer Technical Services for details of alco-based hand gel brands that have been tested and are typically used in healthcare facilities.

**Key Recommendation** *A floor dressing or maintainer containing polish should not be applied to any Polysafe floorcoverings, as this will nullify the main function of a safety floor – its slip resistance.*

# PHARMACY





# Improved Cleaning Performance

Polyflor spends detailed research and development time on continuous product improvement to ensure that safety flooring is produced with the end user in mind. Safety flooring cleanability is at the forefront of the design rationale and in conjunction with sustainable slip resistance, forms the cornerstone of the Polysafe philosophy - to offer a market-leading Polysafe PUR collection which is tried, tested and specified for its safety and easy maintenance credentials.

To show the improvement in cleanability of a Polysafe product reinforced with PUR, an on-site cleaning trial was undertaken in September 2009. Polysafe Mosaic PUR was laid against its non-PUR predecessor Polysafe Mosaic in a high footfall corridor with close proximity to an external doorway.

Both products were maintained daily using the same basic cleaning regime - mop & bucket with diluted neutral detergent and a machine scrub every month. A light grey Mosaic PUR shade was chosen to show any step change in colour, appearance and dirt pick up.

At the conclusion of the trial (January 2010) it was clearly shown that new Polysafe Mosaic PUR had a far better appearance retention both before and after cleaning than the non-PUR product. Polysafe Mosaic PUR was shown to repel more dirt, with far superior soil release and an excellent appearance and colour retention.



Before cleaning



After cleaning



After cleaning



After cleaning



## Supratec PUR Product Development

Over the years, Polyflor has continued to invest heavily in developing low maintenance technology for its safety flooring ranges. Following the conception of the Supratec brand in 2000 and the subsequent improvement in cleanability offered by Supratec<sup>+</sup>, comes the highly acclaimed 3rd generation polyurethane reinforcement available on Corona & Astral ranges - Polysafe Supratec PUR. This forms the culmination of years of thorough research, development and improvement and sets a new advancement in cleanability levels that has never been seen before.

In March 2010, a dedicated product development area on a busy internal corridor was used to compare the cleaning performance of Polysafe Astral with the specially cross-linked and UV cured Supratec PUR reinforcement vis-à-vis 2nd generation Polysafe Astral with Supratec<sup>+</sup>. Subjected only to daily cleaning using a mop & bucket with neutral detergent, Polysafe Astral PUR showed significant improvement in appearance & colour retention, soil release and dirt pick up.

In May 2010, the floor area was cleaned by a mop and bucket with neutral detergent, left 24 hours and let open for foot traffic. The images below left were taken at the end of the trial after the floor area had been cleaned. As can be seen, Polysafe Astral PUR outperforms 2nd generation Polysafe Astral with a step up in the product's appearance retention, release of dirt and resistance to scuffing.

Below, the trial area shows a timeline of Polysafe developments with Supratec technology. Back in 2005, the same Polysafe Astral colour with 2nd generation Supratec<sup>+</sup> was laid and compared against 1st generation Supratec to show superior cleanability. Now, the introduction of PUR takes ease of maintenance to a new level, showing that time after time, Polyflor continues to raise the bar higher than ever.



Shots taken after cleaning



## Competitor Comparison

Polysafe PUR is the only real choice for specifiers looking for low maintenance safety flooring that continues to clean up time after time. In November 2009, to benchmark the cleanability level of this vanguard technology, a busy school corridor was chosen as a product trial area to investigate the cleaning performance of Polysafe PUR against competing products that offer maintenance enhancements. All material was purchased from distributor stock and laid by a flooring contractor in equal lengths across the corridor along with new Polysafe Mosaic PUR and the predecessor Polysafe Mosaic range without PUR. Cleaned daily using a mop and bucket with neutral detergent by the school janitors and maintenance staff, the area receives continual and sustained footfall throughout the working day, making maintenance of critical importance in restoring the appearance of the flooring. With close proximity to an external doorway area, dirt and other contamination is brought into the building on a regular basis, meaning that the flooring is subjected to regular punishment and is an ideal test area to demonstrate ease of maintenance and cleanability levels of safety flooring products.

At the end of April 2010, the flooring was cleaned first with a mop and bucket and then with a machine scrubber and wet vacuum. The series of shots are taken from this cleaning regime and clearly show that Polysafe PUR technology sets the standard on safety flooring maintenance. The results are clear to see on Polysafe Mosaic PUR, outperforming competitor offerings both before and after cleaning, with greater appearance and colour retention along with increased soil pick up and reduced dirt retention.



*Floor area cleaned with machine scrubber and green pad*



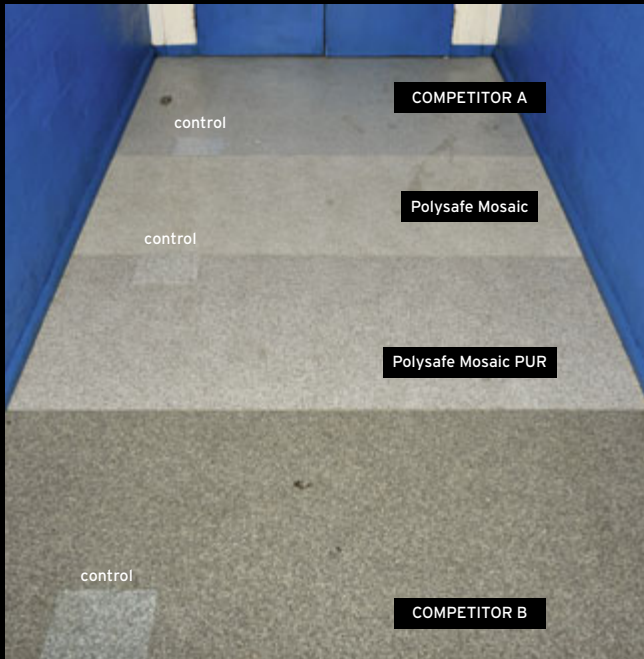
*Floor area being wet vacuumed*



*Floor area cleaned using a mop and bucket with neutral detergent*

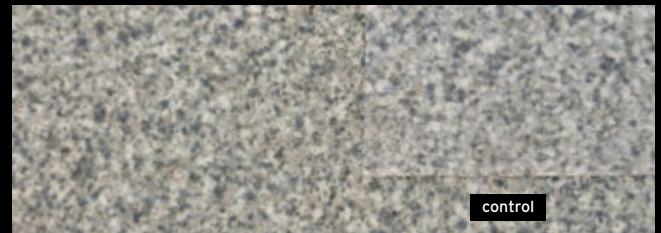
# Before cleaning

# After cleaning



*Uncleaned for 2 days*

*Floor area after cleaning*



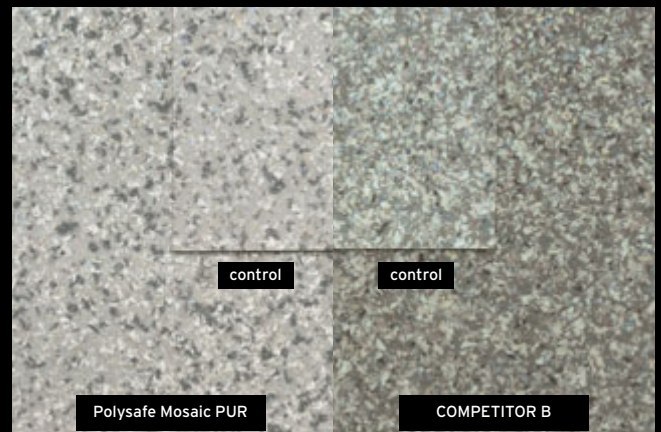
*COMPETITOR A*



*POLYSAFE MOSAIC PUR*



*COMPETITOR B*



*Comparison before cleaning*

*Comparison after cleaning*







## Life Cycle Maintenance Cost Savings

Adopting a life cycle approach is important when specifying safety flooring for a building facility. Taking into account the cost of maintaining a floorcovering over its life needs to be budgeted for, not just the initial purchase of the flooring in isolation. Due to the benefits achieved with Polysafe PUR products, the initial investment in the flooring can be more than offset by the maintenance cost savings achievable over the life of the floor. Through using a micro mop maintenance regime, Polysafe PUR reinforced products offer a significant maintenance saving in terms of time, labour and material cost of up to **60%** when compared to traditional, untreated safety flooring over a period of 15 years.

Using the recommended micro mop cleaning regime on Polysafe PUR products means fewer cleaning chemicals, less water consumption and reduced power requirements, which in turn means less environmental impact. All Polysafe PUR ranges also achieve an individually certified and assessed A+ environmental profile from BRE Global in major use areas such as education and healthcare. This gives end user confidence not only in outright cleaning performance but in a sound environmental choice that gives good long-term value for money.

For information on Polysafe maintenance recommendations, refer to the detailed information in the technical section of [www.polyflor.com](http://www.polyflor.com) or contact Polyflor Customer Technical Services on +44 (0)161 767 1912, e-mail: [tech@polyflor.com](mailto:tech@polyflor.com)

### POLYSAFE PUR AND SUPRATEC PUR COST COMPARISON [100m<sup>2</sup> over 15 years]

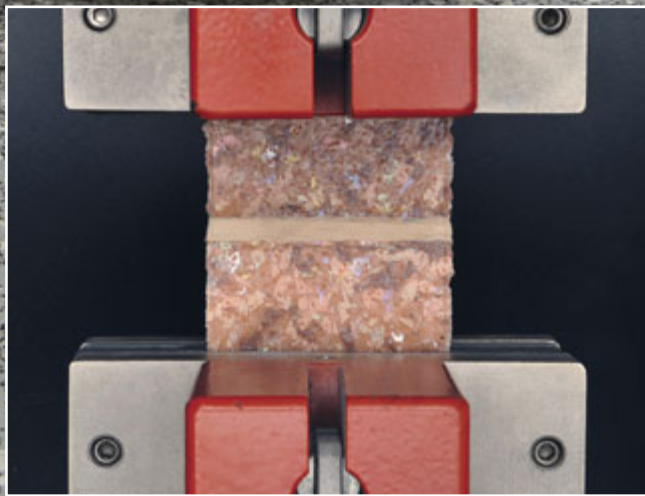
TRADITIONAL SAFETY FLOORING					POLYSAFE WITH PUR/SUPRATEC PUR				
ACTIVITY	TIME [MINS]	LABOUR & MATERIALS	FREQUENCY	COST PER ANNUM	COST PER ANNUM	FREQUENCY	LABOUR & MATERIALS	TIME [MINS]	ACTIVITY
SWEEP	17.24	£2.07	EVERY DAY	£755.55	£518.30	EVERY DAY	£1.42	12.93	SWEEP
SPRAY	—	—	—	—	£160.60	EVERY DAY	£0.44	4.00	SPRAY
MICRO MOP	—	—	—	—	£240.09	EVERY DAY	£0.66	6.00	MICRO MOP
DAMP MOP	14.05	£1.69	EVERY DAY	£616.85	—	—	—	—	DAMP MOP
MACHINE SCRUB	54.05	£6.49	TWICE A WEEK	£674.96	—	—	—	—	MACHINE SCRUB
WET VACUUM	20.48	£2.46	TWICE A WEEK	£255.84	—	—	—	—	WET VACUUM
TOTAL COST PER ANNUM				£2,303.20	£918.99	TOTAL COST PER ANNUM [SAVING 60%]			
TOTAL COST OVER 15 YEARS				£34,548	£13,785	TOTAL COST OVER 15 YEARS [SAVING 60%]			

SOURCE: Miscellaneous Productivity Rating for Hard Floors, The British Institute of Cleaning Science.



ENVIRONMENTALLY  
PREFERABLE  
FLOORING







# Polysafe PUR Performance and Properties

## Welding

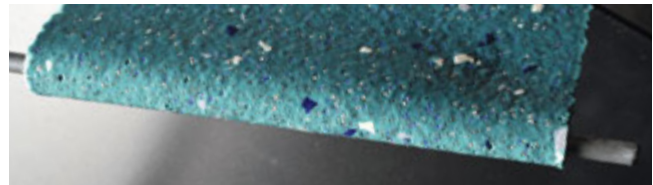
Polysafe PUR products can be easily heat welded using colour co-ordinated Polyflor welding rods. Flooring can also be joined to adjacent Polyflor smooth floor coverings or Ejecta set-in skirting. The Tensometer shown bottom left features Polysafe Mosaic PUR, welded with a standard Polyflor welding rod, being tested for the strength of weld in Polyflor laboratories. New Polysafe PUR floorings are as forgiving to weld as standard Polyflor smooth floor coverings, providing the superb non-porous finish and weld strength that is demanded in hygiene critical areas.

## Slip Resistance

All Polysafe PUR products achieve a minimum slip resistance value of 36+ on the RRL Pendulum wet test (coefficient of friction result using Four-S rubber/Slider 96) and a surface micro roughness of Rz 20 microns +. This ensures that all Polysafe ranges comply with Health and Safety Executive Guidance, using test methods recommended in the UK Slip Resistance Group Guidelines (2005).

Significantly, due to the incorporation of aggregates through the vinyl, Polyflor assures the sustainable slip

resistance of its safety flooring for the guaranteed life of the product. Specifiers should be wary of claims based solely on ex-factory slip testing on temporary surface finishes that wear off in use. Polyflor's advice is to ask for a letter of guaranteed slip performance for the guaranteed life from your chosen manufacturer.



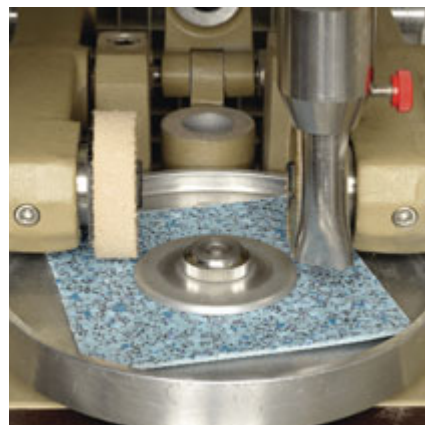
## Flexibility

Polysafe Supratec PUR products are designed with enhanced flexibility to enable straightforward site-formed coving and easy installation around fixtures and fittings. The increased flexibility offered on Polysafe Corona PUR & Astral PUR means the products are easier to install in particularly tight spaces or difficult to lay areas such as drainage points. Above, Polysafe Astral PUR, Aquarius 4220 is tested around a 4mm mandrel. No whitening or cracking is observed. This exceeds the requirements set down in EN 13845 - the European Norm for Safety Flooring.



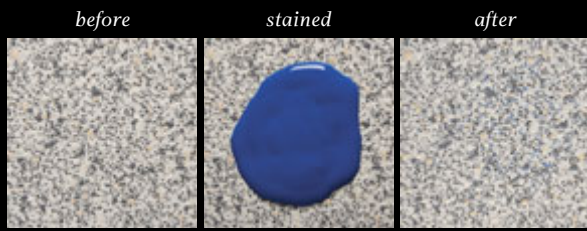
## Durability

Polysafe PUR products retain their performance characteristics and appearance, demonstrating outstanding durability and abrasion resistance. All ranges meet the abrasion requirement to 50,000 cycles as set down in EN 13845 to denote suitability in very heavy commercial areas. The images below show Polysafe Corona PUR, Pacific 5550, before and after being tested in Polyflor laboratories for abrasion along with the continuous application of grit. The decoration and aggregates remain as new, demonstrating the durability of the product. There is no apparent wear to the surface of the product and the visible mark is due to a reduction in gloss level.

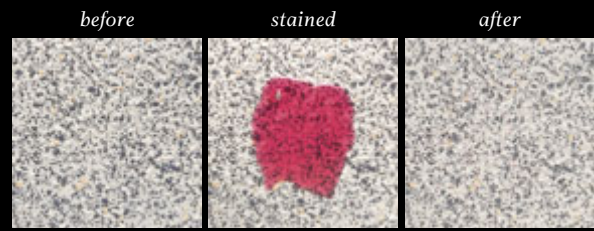




# Stain Resistance



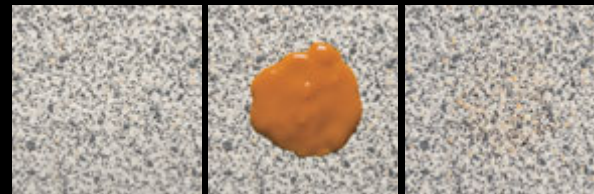
*WATER BASED PAINT*



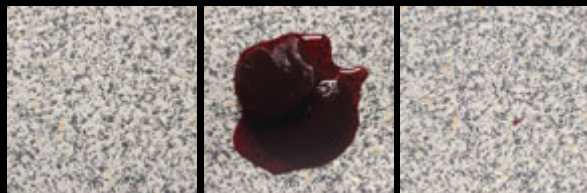
*HIBITANE*



*TOMATO KETCHUP*



*TOMATO SOUP*



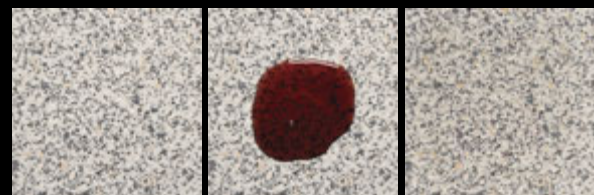
*BEETROOT*



*BOOT POLISH*



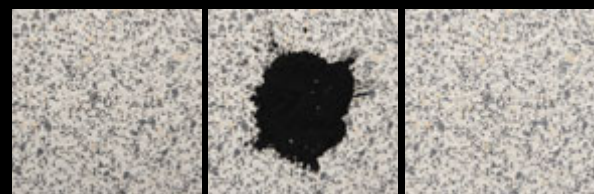
*ALCO HAND GEL*



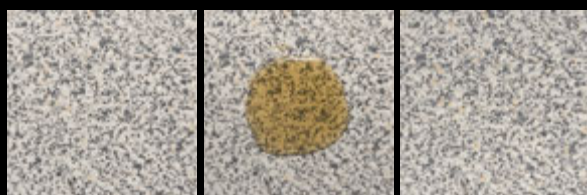
*RED WINE*



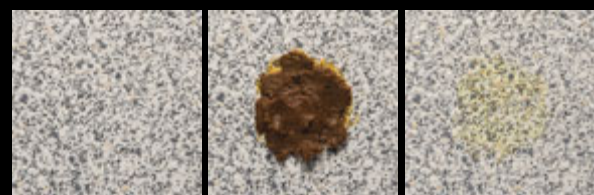
*VEGETABLE OIL*



*DRY TONER*



*MALT VINEGAR*



*CURRY PASTE*



*RIBENA*



*SULPHURIC ACID 10% SOLUTION*

With vinyl safety flooring typically being used in areas with regular risks of spillages, the stain resistance is a key component of specification. Ranges with the Polysafe PUR reinforcement give added protection and good resistance to many chemicals, including diluted acids and alkalis. Full chemical resistance charts are available by shade for each Polysafe PUR range. Contact Polyflor Customer Technical Services on +44 (0)161 767 1912 or e-mail: [tech@polyflor.com](mailto:tech@polyflor.com) for details.

To demonstrate the superior nature of the Polysafe PUR enhancement, Polysafe Corona PUR was tested for stain resistance in Polyflor laboratories. The shots above show the product before, during and after staining with a variety of contaminants. Once the agents were left on the surface for 24 hours and then removed only with water, the benefit of the Polysafe PUR technology is clearly visible, with many stains being completely removed.

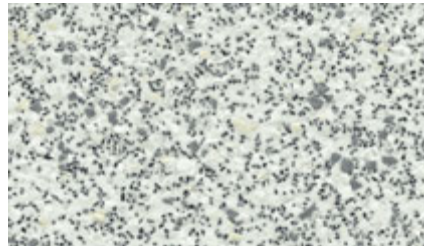
# Polysafe Corona PUR

## Key features

- Incorporates Polysafe™ Supratec PUR for optimum appearance retention and life cycle maintenance cost savings of up to 60%.
- BRE Global A+ Rated Product (Certificate No: ENP 472) in major areas such as education and healthcare.
- Incorporates quartz, aluminium oxide, silicon carbide particles and recycled natural aggregates, to improve traction and safety underfoot.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product -  $\geq 36$  result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of  $Rz \geq 20\mu m$ .
- Suitable for areas subject to water and other contaminant spillages in hygiene critical locations.
- 100% recyclable and contains recycled material.

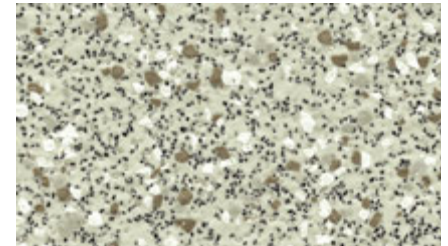
## Typical applications

Washrooms, Toilet areas, Bar Serving areas, Classrooms, Laboratories, Changing rooms\*.



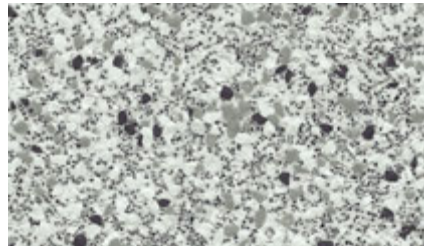
Drystone **5470**

w/r **4930**



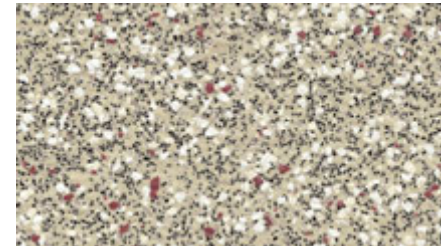
Barley **5500**

w/r **5500**



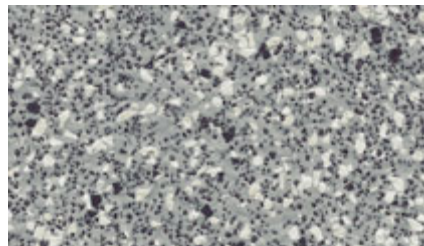
Seal **5570**

w/r **5570**



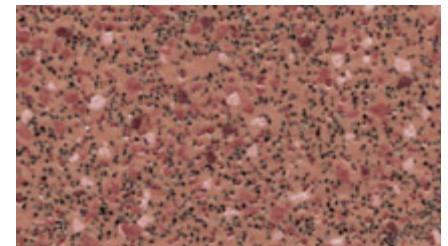
Mango **5480**

w/r **5480**



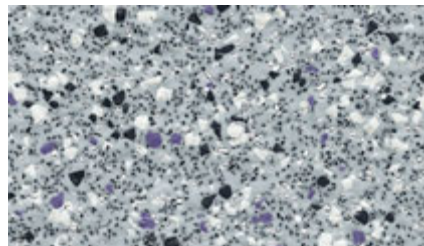
Otter **5530**

w/r **5530**



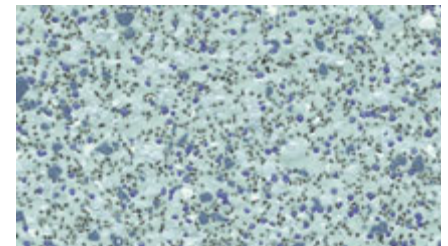
Tulip **5520**

w/r **5520**



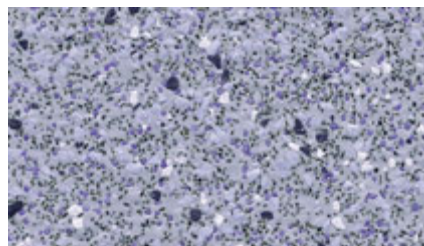
Geyser **5580**

w/r **5580**



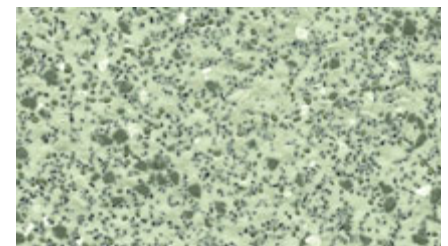
Pacific **5550**

w/r **5550**



Bluebell **5510**

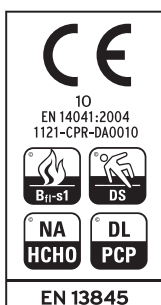
w/r **5510**



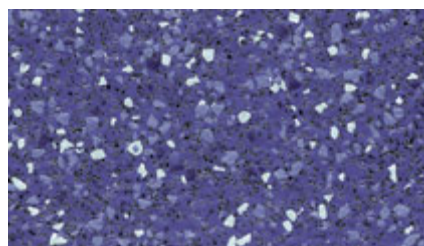
Grasshopper **5540**

w/r **5540**

\* Profiled or non-profiled safety flooring may be specified in these areas. This is dependent on an end user's risk assessment.

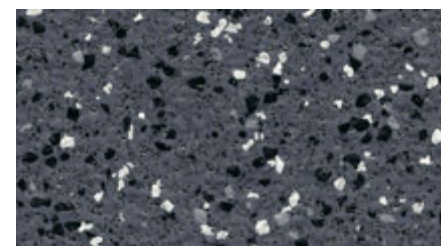


w/r = weld rod



Seawater **5490**

w/r **5490**



Blackbird **5560**

w/r **5560**

**A<sup>+</sup>BRE**  
ENP 472  
ENVIRONMENTAL  
RATING

UP TO  
**60%**  
MAINTENANCE  
COST SAVING

RRL Pendulum Test  
**36+**  
(Wet Test) Slip Resistance



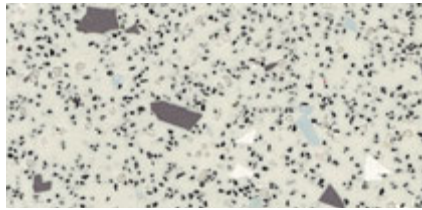
# Polysafe Astral PUR

## Key features

- Incorporates Polysafe™ Supratec PUR for optimum appearance retention and life cycle maintenance cost savings of up to 60%.
- BRE Global A+ Rated Product (Certificate No: ENP 472) in major areas such as education and healthcare.
- Incorporates quartz, aluminium oxide, silicon carbide particles and recycled natural aggregates, to improve traction and safety underfoot.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product -  $\geq 36$  result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of  $Rz \geq 20\mu m$ .
- Suitable for areas subject to water and other contaminant spillages in hygiene critical locations.
- 100% recyclable and contains recycled material.

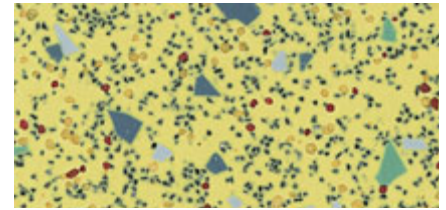
## Typical applications

Washrooms, Toilet areas, Bar Serving areas, Classrooms, Laboratories, Changing rooms\*.



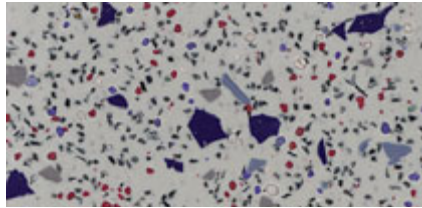
North Star **4370**

w/r **4930**



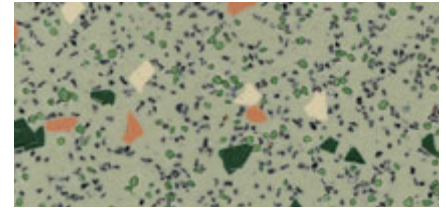
Solstice **4260**

w/r **4920**



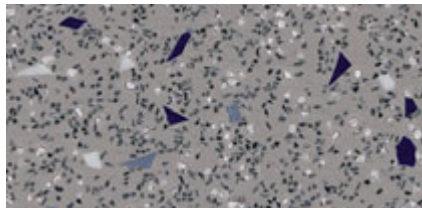
Sculptor **4400**

w/r **4950**



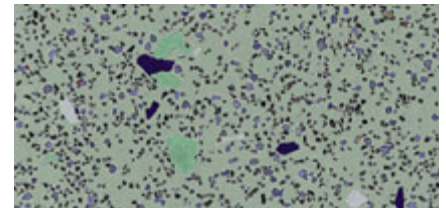
Vega Green **4270**

w/r **4970**



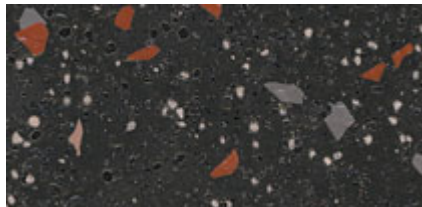
Starburst **4300**

w/r **4940**



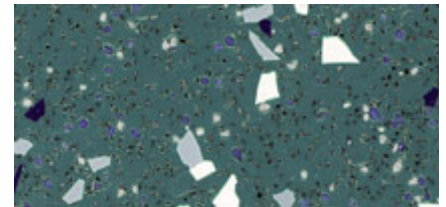
Isis **4380**

w/r **4960**



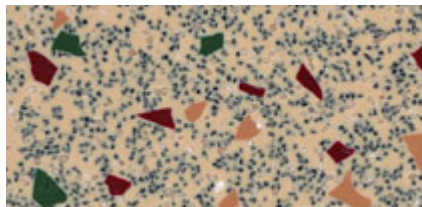
Lunar Grey **4240**

w/r **4900**



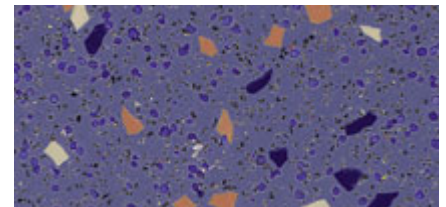
Aquarius **4220**

w/r **4890**



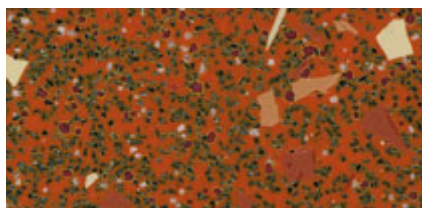
Orion Beige **4280**

w/r **4980**



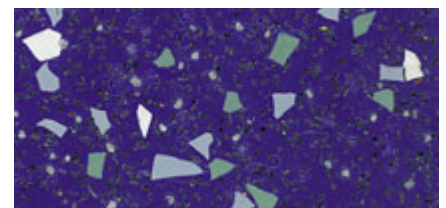
Polaris **4250**

w/r **4910**



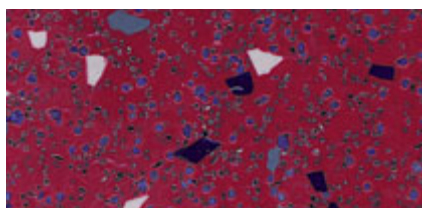
Sunspot **4410**

w/r **4000**



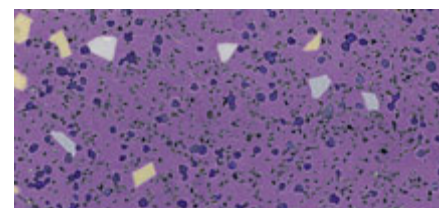
Nebula Blue **4200**

w/r **4850**



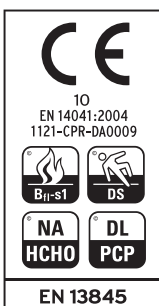
Red Sky **4310**

w/r **4830**



Space Mauve **4230**

w/r **4840**





**A<sup>+</sup>BRE**  
ENP 472  
ENVIRONMENTAL  
RATING

UP TO  
**60%**  
MAINTENANCE  
COST SAVING

RRL Pendulum Test  
**36+**  
(Wet Test) Slip Resistance



# Polysafe Modena PUR

## Key features

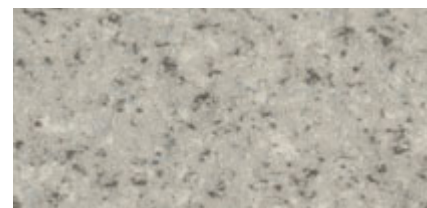
- Incorporates Polysafe™ PUR for optimum appearance retention and life cycle maintenance cost savings of up to 60%.
- Features micro-granite design with virtually invisible slip resistance
- Incorporates aluminium oxide particles to improve traction and safety underfoot.
- Ideal for front or back of house areas where aesthetics and slip resistance are important.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product - ≥36 result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of Rz ≥20µm.
- 100% recyclable and contains recycled material.

## Typical applications

Corridors, circulation areas, receptions, hospital wards, classrooms, shops, cafes, retail areas, bar areas.



Grey Fluorite **4042** w/r **9803**



Agate Grey **4043** w/r **9804**



Galena **4047** w/r **9807**



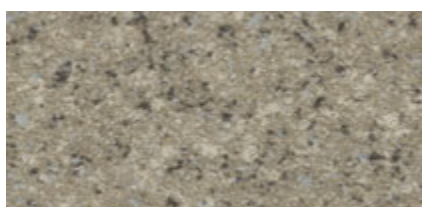
Jetstone **4045** w/r **9805**



Gypsum **4044** w/r **9800**



Copal **4046** w/r **9801**



Andesite **4049** w/r **9802**



Citrina **4048** w/r **9811**



Orange Calcite **4053** w/r **9812**



Garnet **4056** w/r **9813**



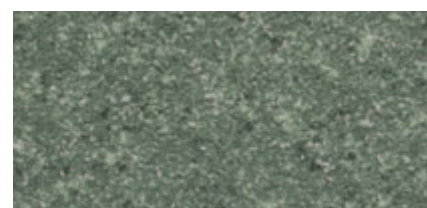
Angelite **4051** w/r **9806**



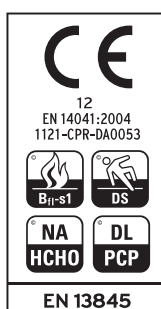
Blue Quartz **4054** w/r **9808**



Aventurine **4055** w/r **9809**



Green Tourmaline **4052** w/r **9810**



**A+ BRE**  
GENERIC  
ENVIRONMENTAL  
RATING

UP TO  
**60%**  
MAINTENANCE  
COST SAVING

RRL Pendulum Test  
**36+**  
(Wet Test) Slip Resistance



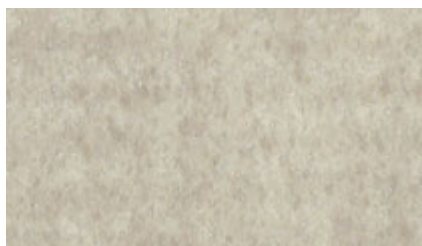
# Polysafe Arena PUR

## Key features

- Incorporates Polysafe™ PUR for optimum appearance retention and life cycle maintenance cost savings of up to 60%.
- Features stone, textile and abstract effects with virtually invisible slip resistance
- Incorporates aluminium oxide particles to improve traction and safety underfoot.
- Ideal for front or back of house areas where aesthetics and slip resistance are important.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product -  $\geq 36$  result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of  $Rz \geq 20\mu m$ .
- 100% recyclable and contains recycled material.

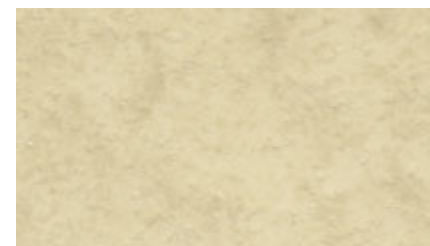
## Typical applications

Corridors, circulation areas, receptions, hospital wards, classrooms, shops, cafes, retail areas, bar areas.



Linen **5081**

w/r **5081**



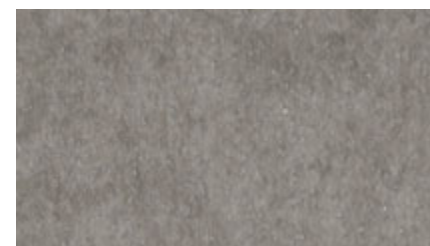
Crema Nova **5090**

w/r **5090**



Steelwool **5082**

w/r **5082**



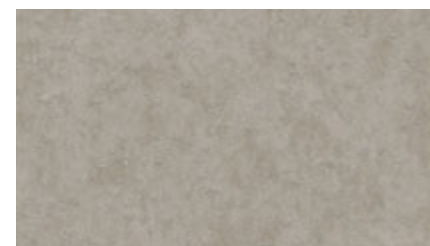
Clay Stone **5092**

w/r **5092**



Chambray **5083**

w/r **5083**



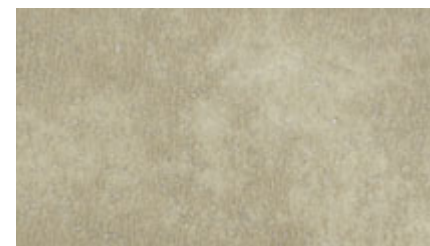
Flagstone Grey **5091**

w/r **5091**



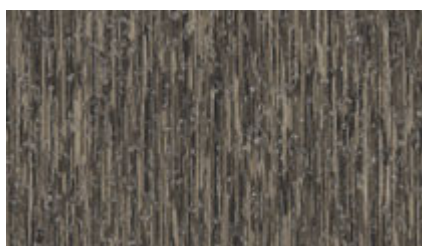
Sand Grain **5085**

w/r **5085**



Cement **5088**

w/r **5088**



Brushed Titanium **5086**

w/r **5086**



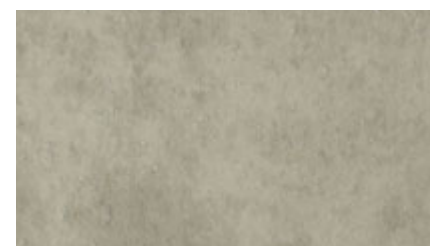
Dark Concrete **5089**

w/r **5089**



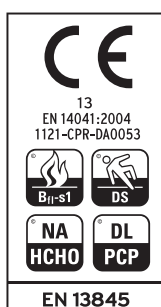
Frosted Silver **5084**

w/r **5084**



Light Concrete **5087**

w/r **5087**



**A+ BRE**  
GENERIC  
ENVIRONMENTAL  
RATING

UP TO  
**60%**  
MAINTENANCE  
COST SAVING

RRL Pendulum Test  
**36+**  
(Wet Test) Slip Resistance



# Polysafe Mosaic PUR

## Key features

- Incorporates Polysafe™ PUR for optimum appearance retention and life cycle maintenance cost savings of up to 60%.
- BRE Global A+ Rated Product (Certificate No: ENP 472) in major areas such as education and healthcare.
- Incorporates clear aluminium oxide and coloured quartz to improve traction and safety underfoot.
- Ideal for front or back of house areas where aesthetics and slip resistance are important.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product -  $\geq 36$  result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of  $Rz \geq 20\mu m$ .
- 100% recyclable.

## Typical applications

Corridors, circulation areas, receptions, hospital wards, classrooms, shops, cafes, retail areas, bar areas, washrooms, toilet areas



Pearlite **4115**

w/r **4115**



Akoya **4125**

w/r **4125**



Grey Fusion **4105**

w/r **4105**



Earthstone **4155**

w/r **4155**



Orient Grey **4135**

w/r **4135**



Sunstone **4185**

w/r **4185**



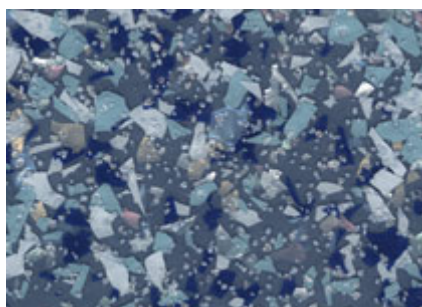
Graphite Pearl **4165**

w/r **4165**



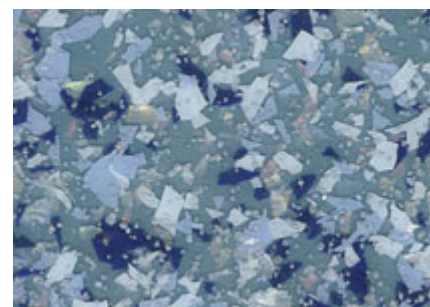
Green Opal **4195**

w/r **4195**



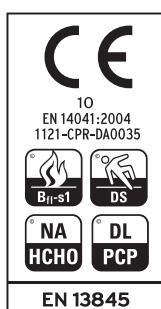
South Sea **4175**

w/r **4175**



Freshwater **4145**

w/r **4145**



**A<sup>+</sup>BRE**  
ENP 472  
ENVIRONMENTAL  
RATING

UP TO  
**60%**  
MAINTENANCE  
COST SAVING

RRL Pendulum Test  
**36+**  
(Wet Test) Slip Resistance



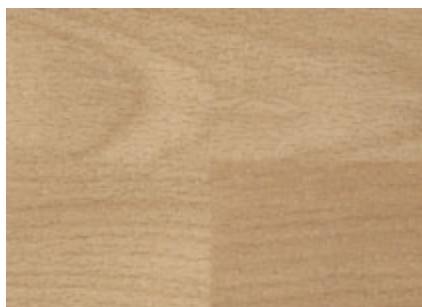
# Polysafe Wood FX PUR

## Key features

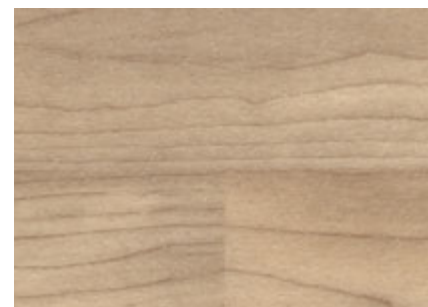
- Incorporates Polysafe™ PUR for optimum appearance retention and life cycle maintenance cost savings of up to 60%.
- BRE Global A+ Rated Product (Certificate No: ENP 415) in major areas such as education and healthcare.
- Incorporates aluminium oxide particles to improve traction and safety underfoot.
- Ideal for front or back of house areas where aesthetics and slip resistance are important.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product - ≥36 result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of Rz ≥20µm.
- 100% recyclable and contains recycled material.

## Typical applications

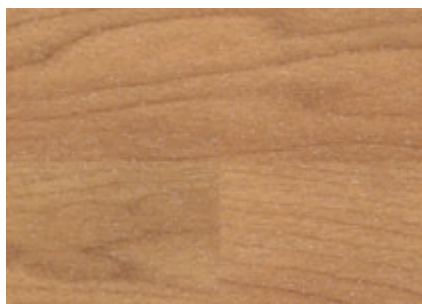
Corridors, circulation areas, receptions, hospital wards, classrooms, shops, cafes, retail areas, bar areas.



Warm Beech **3297** w/r **3290**



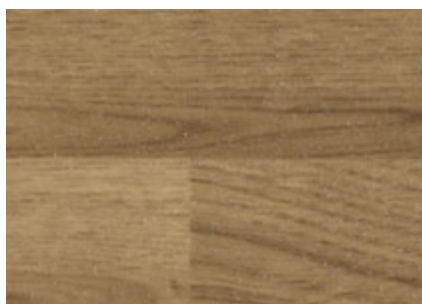
Vermont Maple **3097** w/r **3290**



Cherry **3307** w/r **3300**



American Oak **3387** w/r **3380**



Rustic Oak **3337** w/r **3330**



Silver Oak **3357** w/r **3237**

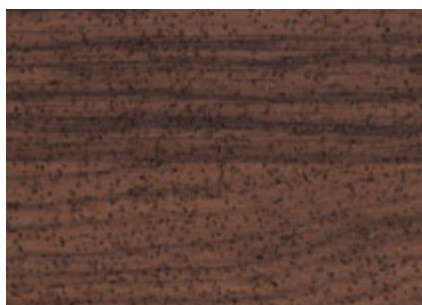
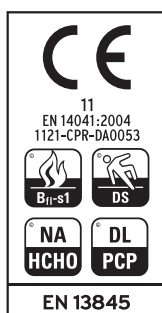


Classic Oak **3107** w/r **3330**



European Oak **3347** w/r **3340**

*Due to the replication of natural materials, features such as colour variation and knots will be present on some designs.*



Mahogany **3367** w/r **3360**



Brazilian Walnut **3997** w/r **3990**



**A+ BRE**  
ENP 415  
ENVIRONMENTAL  
RATING

UP TO  
**60%**  
MAINTENANCE  
COST SAVING

RRL Pendulum Test  
**36+**  
(Wet Test) Slip Resistance



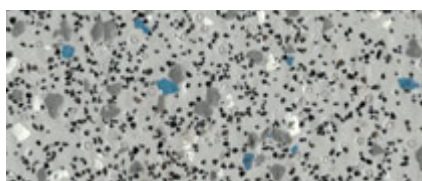
# Polysafe Vogue Ultra PUR

## Key features

- Incorporates Polysafe™ PUR for optimum appearance retention and life cycle maintenance cost savings of up to 60%.
- BRE Global A+ Rated Product (Certificate No: ENP 472) in major areas such as education and healthcare.
- Incorporates quartz, aluminium oxide, silicon carbide particles and natural recycled aggregates, to improve traction and safety underfoot.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product - ≥36 result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of Rz ≥20µm.
- Suitable for areas subject to water and other contaminant spillages in hygiene critical locations.
- 100% recyclable and contains recycled material.

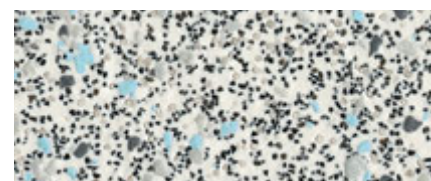
## Typical applications

Washrooms, Toilet areas, Storage and Utility areas, Bar Serving areas, Laundry and Sluice rooms, Laboratories, Changing rooms\*.



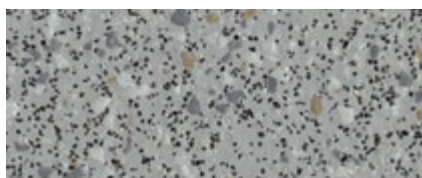
Whirlpool **4805**

w/r **5570**



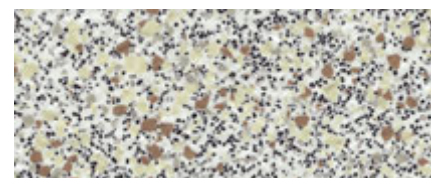
Snowstorm **4835**

w/r **4930**



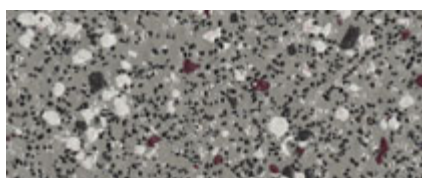
Woodland Grey **4770**

w/r **9120**



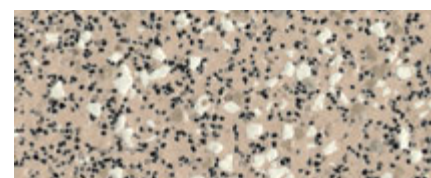
Bisque **4860**

w/r **4860**



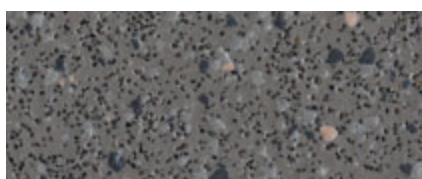
Winter Dusk **4730**

w/r **9120**



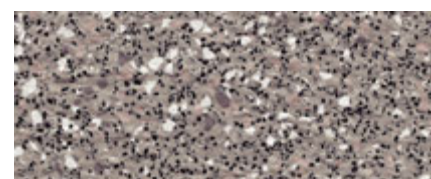
Oystershell **4800**

w/r **2010**



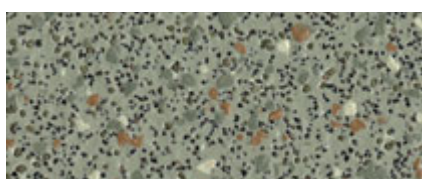
Nightsky **4760**

w/r **4610**



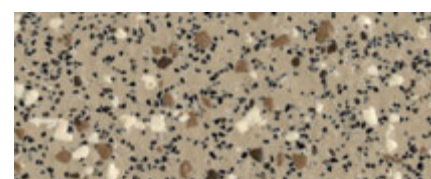
Meadow **4810**

w/r **4600**



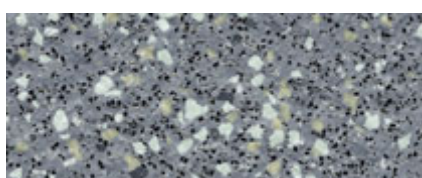
Forest Pine **4500**

w/r **4350**



Toffee **4825**

w/r **4825**



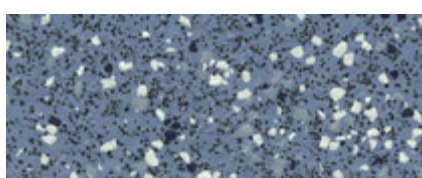
Moonbeam **4780**

w/r **4670**



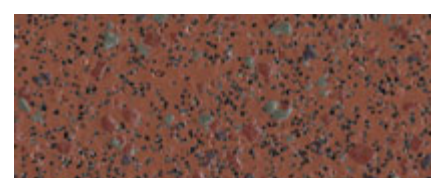
Dune **4690**

w/r **4030**



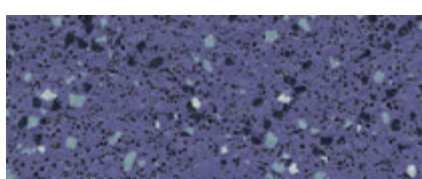
Marine **4870**

w/r **4700**



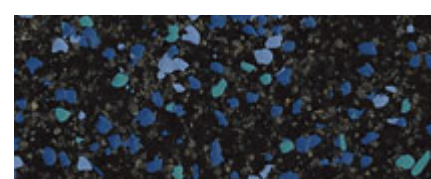
Firestar **4790**

w/r **4640**



Steel Blue **4740**

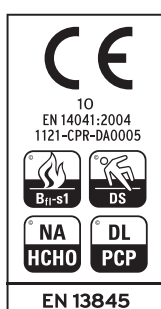
w/r **4910**



Galactic **4815**

w/r **8640**

\* Profiled or non-profiled safety flooring may be specified in these areas. This is dependent on an end user's risk assessment.



**A+ BRE**  
ENP 472  
ENVIRONMENTAL  
RATING

UP TO  
**60%**  
MAINTENANCE  
COST SAVING

RRL Pendulum Test  
**36+**  
(Wet Test) Slip Resistance



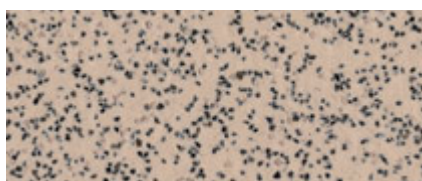
# Polysafe Standard PUR

## Key features

- Incorporates Polysafe™ PUR for optimum appearance retention and life cycle maintenance cost savings of up to 60%.
- BRE Global A+ Rated Product (Certificate No: ENP 472) in major areas such as education and healthcare.
- Incorporates quartz, aluminium oxide, silicon carbide particles and natural recycled aggregates, to improve traction and safety underfoot.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product - ≥36 result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of Rz ≥20µm.
- Suitable for areas subject to water and other contaminant spillages in hygiene critical locations.
- 16 colours available in 2mm and 2.5mm gauge.
- 100% recyclable and contains recycled material.

## Typical applications

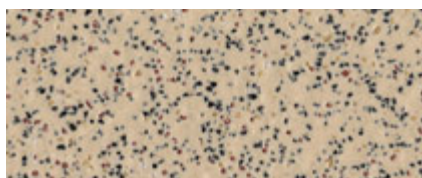
Washrooms, Toilet areas, Storage and Utility areas, Bar Serving areas, Laundry and Sluice rooms, Laboratories, Changing rooms\*.



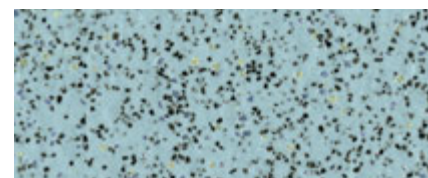
Elmwood **4520** w/r **9610**



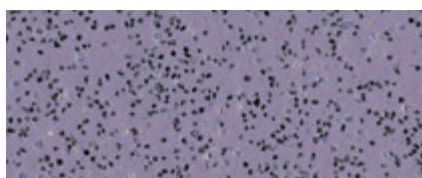
Ash Grey **4540** w/r **2090**



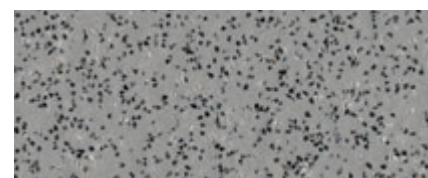
Autumn Beige **4140** w/r **4140**



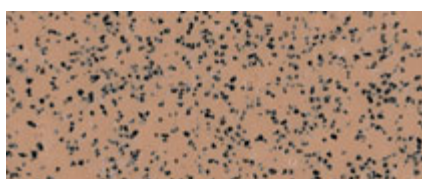
Cool Aqua **4570** w/r **4570**



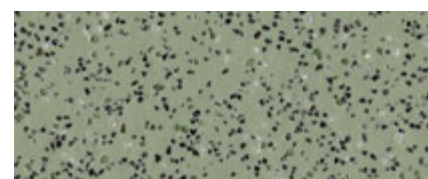
Lilac Blue **4580** w/r **4580**



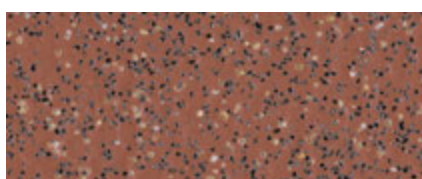
Silver Birch **4020** ♦ w/r **9200**



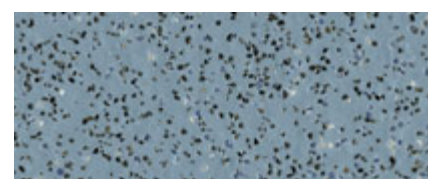
Maple Fawn **4030** ♦ w/r **4030**



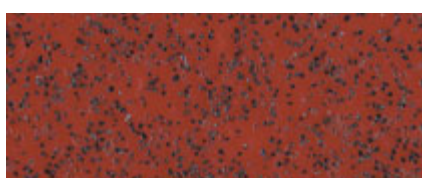
Alpine Green **4110** w/r **4110**



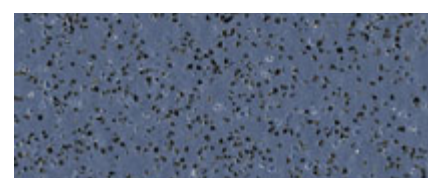
Antique Copper **4120** w/r **4120**



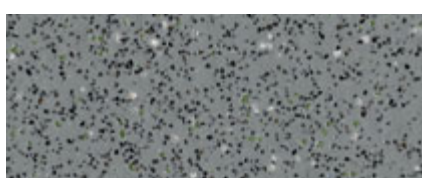
Arctic Blue **4130** w/r **4130**



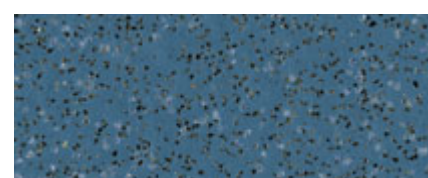
Redwood **4040** ♦ w/r **9230**



Storm Blue **4560** w/r **4910**



Nordic Grey **4090** w/r **8680**



Cedar Blue **4060** ♦ w/r **9040**

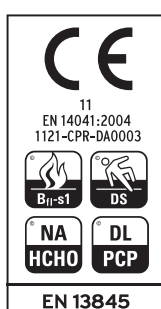


Twilight **4490** w/r **4490**



Black Walnut **4150** w/r **8640**

\* Profiled or non-profiled safety flooring may be specified in these areas. This is dependent on an end user's risk assessment.



♦ Available in 3.5mm gauge.

**A+ BRE**  
ENP 472  
ENVIRONMENTAL  
RATING

UP TO  
**60%**  
MAINTENANCE  
COST SAVING

RRL Pendulum Test  
**36+**  
(Wet Test) Slip Resistance



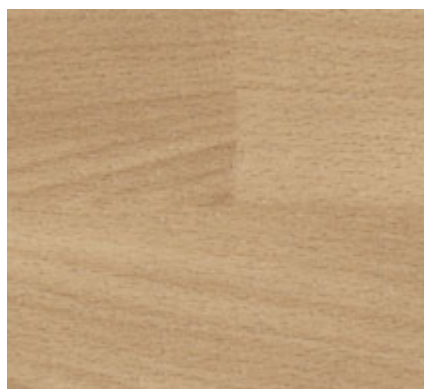
# Polysafe Wood FX Acoustix PUR

## Key features

- Incorporates Polysafe™ PUR for optimum appearance retention and life cycle maintenance cost savings of up to 60%.
- BRE Global A+ Rated Product (Certificate No: ENP 415) in major areas such as education and healthcare.
- ≥19dB impact sound reduction level to exceed Building Regulations Part E requirements.
- Ergonomically designed for anti-fatigue benefits.
- Incorporates aluminium oxide particles to improve traction and safety underfoot.
- Fully HSE compliant, with slip resistance assured for the guaranteed life of the product - ≥36 result achieved on RRL Pendulum wet test - 4S Rubber (Slider 96), with a surface roughness of Rz ≥20µm.
- 100% recyclable.

## Typical applications

Corridors, circulation areas, hospital wards, classrooms, bar areas, general living quarters, retail workstations.



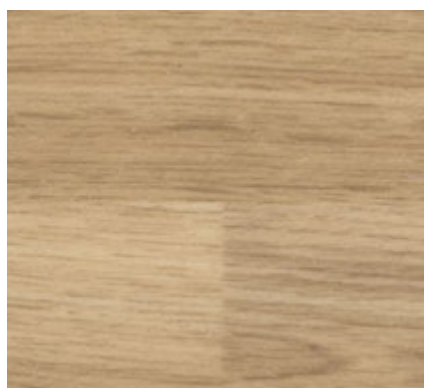
Warm Beech **3292**

w/r **3290**



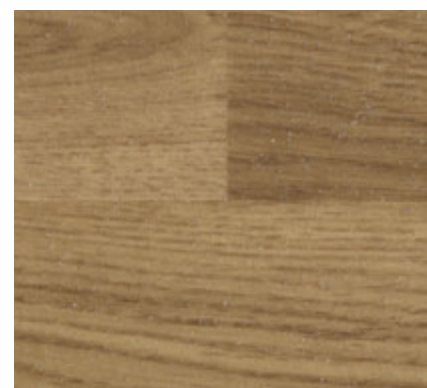
Cherry **3302**

w/r **3300**



American Oak **3382**

w/r **3380**



Rustic Oak **3332**

w/r **3330**



European Oak **3342**

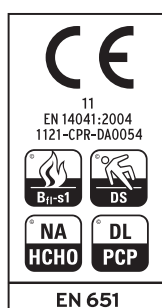
w/r **3340**



Silver Oak **3352**

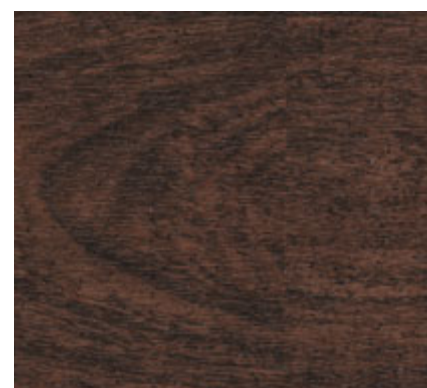
w/r **3237**

*Due to the replication of natural materials, features such as colour variation and knots will be present on some designs.*



Mahogany **3362**

w/r **3360**



Brazilian Walnut **3992**

w/r **3990**

**A+BRE**  
ENP 415  
ENVIRONMENTAL  
RATING

UP TO  
**60%**  
MAINTENANCE  
COST SAVING

RRL Pendulum Test  
**36+**  
(wet test) Slip Resistance

**19dB**



# Technical Specifications

## 1. Independently assessed by the BBA.

With proper maintenance, product performance is assured for at least 10 years in recommended use areas.



**2. Sustainable wet slip resistance.** The slip resistance across all Polysafe products is assured throughout the guaranteed life of the product, with strict adherence to HSE Guidelines. For further clarification regarding slip resistance, consult Polyflor.

**3. A full Environmental Report** detailing Polyflor's achievements in areas such as recycling, energy reduction and waste avoidance can be found at [www.polyflor.com/environment](http://www.polyflor.com/environment)

**4. Refer to BRE Global ratings** on [www.greenbooklive.com](http://www.greenbooklive.com)

**5. All Polyflor commercial sheet vinyl ranges** provide a continuous, impervious and hygienic flooring solution which can be confidently cleaned in accordance with recommended maintenance procedures and approved maintenance products. The implementation of an effective cleaning regime is the most important defence against infection.

## Customer Support

For information regarding handling and installation, adhesives, maintenance, applications and chemical resistance, consult Polyflor Customer Technical Services on +44 (0)161 767 1912 or e-mail: [tech@polyflor.com](mailto:tech@polyflor.com)

Due to the limitations of colour printing, actual samples should be seen before colour selection is made. The data presented is correct at the time of printing. For latest information, please check our website at [www.polyflor.com](http://www.polyflor.com)



			Corona PUR	Astral PUR
Gauge			2.0 mm	2.0 mm
Roll Size			2m x 20m = 40m <sup>2</sup>	2m x 20m = 40m <sup>2</sup>
Product Weight			2400g/m <sup>2</sup>	2450g/m <sup>2</sup>
General Performance			EN 13845 ASTM F1303 Agrément Rated 1	EN 13845 ASTM F1303 Agrément Rated
Use Area Classification	EN 685		23, 34, 43	23, 34, 43
Reaction to Fire	EN 13501-1 ASTM E648		Class Bfl-S1 Class 1	Class Bfl-S1 Class 1
Enhanced Slip 2	EN 13845 RRL Pendulum Test (wet test - 4S Rubber/Slider 96) Surface roughness AS/NZS 4586		ESf ≥36  Rz ≥20µm R10	ESf ≥36  Rz ≥20µm R10
Abrasion Resistance	EN 13845 EN649		50,000 cycles Group T	50,000 cycles Group T
VOC Emissions	AgBB VOC test: Floorscore:		Pass Certified	Pass Certified
Environment 3			100% Recyclable & contains recycled material	100% Recyclable & contains recycled material
Environmental Rating	BRE Global 4		ENP 472	ENP 472
Maintenance Enhancement			Polysafe Supratec PUR	Polysafe Supratec PUR
Resistance to Chemicals			Good resistance to dilute acids & alkalis	Good resistance to dilute acids & alkalis
Hygiene 5			✓	✓
Electrical Behaviour	EN 1815		Pass	Pass
Sound Reduction	EN ISO 10140-3 (EN ISO 140-8)			
Underfoot Comfort	EN 433			





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