Quality comes as Standard
Over 5,000m² of slip resistant Polysafe Standard PUR safety vinyl flooring has been installed at the pioneering £40 million Bexhill High School in East Sussex.

The striking 21st century new-build design was largely influenced by a Scandinavian education model with a major focus on flexible, personalised learning with large open plan classroom and activity spaces.

Standard PUR features throughout the main atrium, or ‘central heart space’, as well as sections of the classroom pods, reception and in the laboratories.

Five attractive colourways combine to create a floor design that complements the fresh and airy central space which, as a general circulation, dining, playing and performing area, handles the highest levels of foot traffic.

Thanks to Polyflor’s specially engineered Polysafe PUR reinforcement, the Polysafe Standard flooring installed is able to offer advanced maintenance benefits and soil release to cope with this busy school environment.
“Inspiration came from a visit to Scandinavia and the concept of large, open plan covered areas that offer flexibility in terms of usage.”

Project manager, Jonathan Harford, Devereux Architects
Cross linked and UV cured, Polysafe PUR is a super strength reinforcement designed to make Polysafe Standard PUR even easier to clean, provide optimum appearance and colour retention as well as improved soil release.
Using a micro mop maintenance regime, chemical usage, energy intensive cleaning and water consumption are significantly reduced and life cycle maintenance costs of up to 60% are achievable over a 15 year period when compared to untreated safety flooring.
Polysafe Standard PUR is 100% recyclable, contains recycled material and has been awarded the highest possible BRE Global Environmental A+ Rating in major use areas such as education and healthcare (Certificate No: ENP 472). The rating is based on whole life environmental impact of flooring over a building life of 60 years, thereby contributing to a healthy BREEAM score.
Polysafe Standard PUR fully complies with HSE and UK Slip Group Guidelines to give sustainable wet slip resistance throughout its guaranteed life, achieving 36+ on the Pendulum wet test (Slider 96/Four S rubber) with a surface roughness of 20 microns and above.
Polysafe Standard PUR

- 4520 Elmwood
  - weld rod 9610 NCS S 3010-Y60R LRV 38.8
- 4540 Ash Grey
  - weld rod 2090 NCS S 3502-B LRV 36.9
- 4570 Cool Aqua
  - weld rod 4570 NCS S 3020-B10G LRV 34.9
- 4560 Storm Blue
  - weld rod 4910 NCS S 5020-R80B LRV 15.3
- 4140 Autumn Beige
  - weld rod 4140 NCS S 3010-Y30R LRV 38.9
- 4020 Silver Birch
  - weld rod 9200 NCS S 4500-N LRV 26.7
- 4060 Cedar Blue
  - weld rod 9040 NCS S 5030-B LRV 13.9
- 4580 Lilac Blue
  - weld rod 4580 NCS S 4020-R60B LRV 22.8
- 4030 Maple Fawn
  - weld rod 4030 NCS S 4020-Y50R LRV 27.3
- 4110 Alpine Green
  - weld rod 4110 NCS S 4010-G30Y LRV 27.1
- 4130 Arctic Blue
  - weld rod 4130 NCS S 4020-B LRV 25.2
- 4090 Nordic Grey
  - weld rod 48680 NCS S 5005-B20G LRV 23.6
- 4120 Antique Copper
  - weld rod 4120 NCS S 4040-Y80R LRV 17.8
- 4040 Redwood
  - weld rod 4910 NCS S 3060-Y190R LRV 12.1
- 4490 Twilight
  - weld rod 4490 NCS S 7502-B LRV 9.8
- 4150 Black Walnut
  - weld rod 48640 NCS S 8505-Y20R LRV 6.3
### GAUGE
- 2.0mm
- 2.5mm
- 3.5mm

### ROLL SIZE
- 2m x 20m = 40m²
- 2m x 20m = 40m²
- 2m x 15m = 30m²

### PRODUCT WEIGHT
- 2430g/m²
- 3100g/m²
- 4400g/m²

### GENERAL PERFORMANCE
- **EN 13845**
- **ASTM F1303**

### REACTION TO FIRE
- **EN 13501-1 Class Bfl-S1**
- **ASTM E648 Class 1**

### ENHANCED SLIP
- Sustainable wet slip resistance
- **EN 13845 ESf**
- **RRL Pendulum Test ≥36 (wet test - 4S Rubber/Slider 96)**
- **Surface roughness Rz ≥20μm**

The slip resistance across all Polysafe products is assured throughout the guaranteed life of the product, with strict adherence to HSE Guidelines.

### ABRASION RESISTANCE
- **EN 13845 50,000 cycles**
- **EN 649 Group T**

### VOC EMISSIONS
- **AgBB/DiBT**: Pass
- **FloorScore** certified
- **GBCA/NZGBC Green Star EQ-VOC**: Compliant

### AGRÈMENT ASSURANCE
Polysafe Standard PUR has been independently assessed by the British Board of Agrément and product performance is assured for at least 10 years in recommended use areas. With proper maintenance, the appearance, colour and slip resistance will be retained during this period.

### ENVIRONMENTALLY PREFERABLE FLOORING
Polysafe Standard PUR achieves BRE Global A+ rating (ENP 472) in the Green Guide to Specification in use areas such as education and healthcare and is GreenTag LCA Rate certified with Green Rate level A. It is 100% recyclable and contains recycled material. Recyclable via the Recofloor scheme. Visit www.polyflor.com/environment

### HYGIENE
Contains antimicrobial agents. Independently tested & inhibits growth of MRSA on flooring. Effective maintenance is most important defence against infection.

### ELECTRICAL BEHAVIOUR
- **EN 1815 ≤2kV Classified as 'antistatic'**

### RESISTANCE TO CHEMICALS
Good resistance to dilute acids and alkalis. Chemical resistance charts available on request.

### MAINTENANCE
Polysafe Standard PUR features a high quality, cross-linked polyurethane reinforcement, UV cured to provide superior cleaning benefits, life cycle maintenance savings and optimum appearance retention. As with all Polysafe products, Polysafe Standard PUR should not have a polish applied.