



Quality comes as Standard



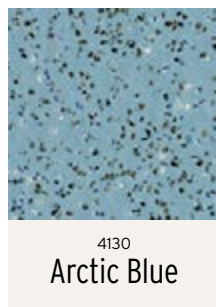
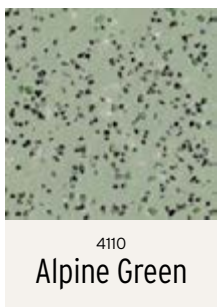


CASE STUDY

PROJECT:	Bexhill High School
LOCATION:	East Sussex, England
PRODUCT:	Polysafe Standard PUR
COLOURS:	Alpine Green, Arctic Blue, Ash Grey Silver Birch, Cedar Blue
ARCHITECTS:	Deveraux Architects
FLOORING CONTRACTOR:	Rees Flooring Ltd

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.

UP TO
60%
MAINTENANCE
COST SAVING



A+ BRE
ENP 472
ENVIRONMENTAL
RATING

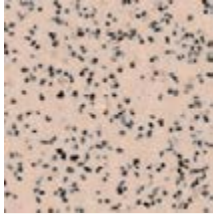
Polysafe Standard PUR is 100% recyclable, contains recycled material and has been awarded the highest possible BRE Global Environmental A+ Rating in major use areas such as education and healthcare (Certificate No: ENP 472). The rating is based on whole life environmental impact of flooring over a building 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



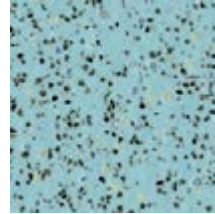
4520
Elmwood

weld rod 9610
NCS S 3010-Y60R
LRV 38.8



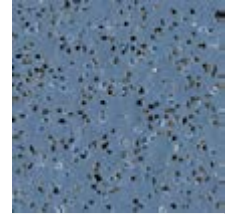
4540
Ash Grey

weld rod 2090
NCS S 3502-B
LRV 36.9



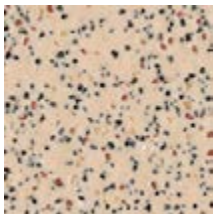
4570
Cool Aqua

weld rod 4570
NCS S 3020-B10G
LRV 34.9



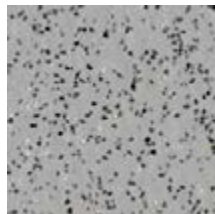
4560
Storm Blue

weld rod 4910
NCS S 5020-R80B
LRV 15.3



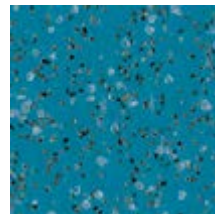
4140
Autumn Beige

weld rod 4140
NCS S 3010-Y30R
LRV 38.9



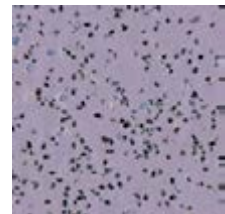
4020
Silver Birch

weld rod 9200
NCS S 4500-N
LRV 26.7



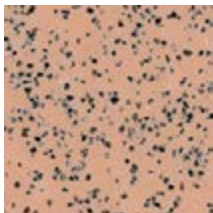
4060
Cedar Blue

weld rod 9040
NCS S 5030-B
LRV 13.9



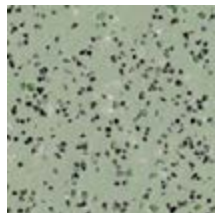
4580
Lilac Blue

weld rod 4580
NCS S 4020-R60B
LRV 22.8



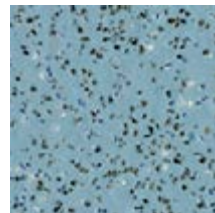
4030
Maple Fawn

weld rod 4030
NCS S 4020-Y50R
LRV 27.3



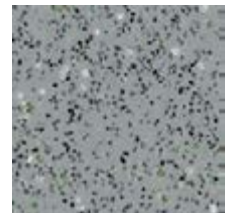
4110
Alpine Green

weld rod 4110
NCS S 4010-G30Y
LRV 27.1



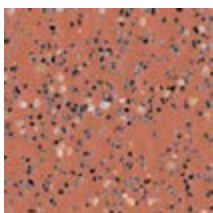
4130
Arctic Blue

weld rod 4130
NCS S 4020-B
LRV 25.2



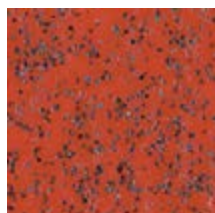
4090
Nordic Grey

weld rod 8680
NCS S 5005-B20G
LRV 23.6



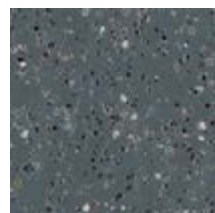
4120
Antique Copper

weld rod 4120
NCS S 4040-Y80R
LRV 17.8



4040
Redwood

weld rod 9230
NCS S 3060-Y90R
LRV 12.1



4490
Twilight














weld rod 4490
NCS S 7502-B
LRV 9.8



4150
Black Walnut

weld rod 8640
NCS S 8505-Y20R
LRV 6.3

TechSpec

	GAUGE	2.0mm	2.5mm	3.5mm
	ROLL SIZE	2m x 20m = 40m ²	2m x 20m = 40m ²	2m x 15m = 30m ²
	PRODUCT WEIGHT	2430g/m ²	3100g/m ²	4400g/m ²
	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	AS/NZS 4586 R10 EN 13845 ESf RRL Pendulum Test ≥ 36 (wet test - 4S Rubber/Slider 96) Surface roughness Rz $\geq 20\mu\text{m}$ 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		
	AGRÉMENT 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 (body voltage)	EN 1815 $\leq 2\text{kV}$ 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.		

