

## Perglass



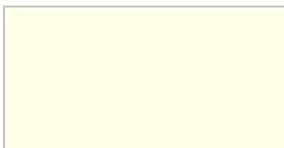
### Standard colour chart



Ice Blue 413



Polar Green 713



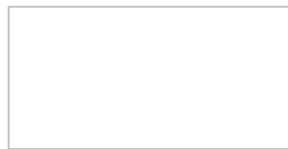
Vanilla Yellow 323



Magnolia 302



Silver Grey 204



White 050

The applied colours may differ slightly from the examples shown above.  
Contact our customer services for a true colour sample or a special colour match.

### Description

A glass fibre reinforced covering for old and new walls, utilising a two component water dispersed, high performance epoxy resin vertical grade coating, available in a range of colours.

### Uses

Typical uses are kitchens, abattoirs, hygiene areas, food and pharmaceutical manufacturing and packaging areas where easy clean, hygienic wall finishes are required.

Suitable substrates include concrete, sand/cement render, plaster, tiles, chipboard etc.

Available in two grades:

### Standard

Incorporates a single layer of 300 gram glass mat.

### Super

Incorporates one layer of 300 gram glass mat and one layer of woven glass tissue.

### Benefits

- Hygienic.
- Vapour permeable.
- Can be applied to damp substrates.
- Cost effective.
- Easy to apply .
- Resists mould growth.
- Enhances appearance of working environment
- Solvent free.
- Low odour and taint.
- Resistant to a wide range of chemicals.

## Model Specification

Product: Perglass

Finish: Glass

System: Standard or Super

Colour: \_\_\_\_\_

Preparatory work and application in accordance with supplier's instructions.

Supplier: Flowcrete UK Ltd

Telephone: Customer Service - +44 (0)1270 753000

## Installation Service

The installation should be carried out by a Flowcrete approved contractor with a documented quality assurance scheme.

Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site

[www.flowcrete.com](http://www.flowcrete.com)

## Products Included in this System

Peran WW (density = 1.28 kg/l)

### Super:

Primer ❖: Peran WW @ 0.25 kg/m<sup>2</sup>

1<sup>st</sup> Bodycoat: Peran WW @ 0.3 kg/m<sup>2</sup>

Glass fibre mat: 0.3 kg/m<sup>2</sup>

2<sup>nd</sup> Bodycoat: Peran WW @ 0.3 kg/m<sup>2</sup>

Woven glass tissue: 0.1 kg/m<sup>2</sup>

1<sup>st</sup> Finish Coat: Peran WW @ 0.25 kg/m<sup>2</sup>

2<sup>nd</sup> Finish Coat: Peran WW @ 0.25 kg/m<sup>2</sup>

### Standard:

Primer ❖: Peran WW @ 0.25 kg/m<sup>2</sup>

1<sup>st</sup> Bodycoat: Peran WW @ 0.3 kg/m<sup>2</sup>

Glass fibre mat: 0.3 kg/m<sup>2</sup>

1<sup>st</sup> Finish Coat: Peran WW @ 0.25 kg/m<sup>2</sup>

2<sup>nd</sup> Finish Coat: Peran WW @ 0.25 kg/m<sup>2</sup>

❖ Application and coverage rates at the Primer stage are assisted by the addition of water, up to 10% by volume.

Detailed application instructions are available upon request.

## Focus on the Floorzone

Flowcrete Group plc are world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing, corrosion protection systems... to name just a few.

Our objective is to satisfy your Floorzone needs.

## Design Service

Special corporate colours and designs can be produced to special order.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be surface dry to 95% RH as per BS 8204 and free from rising damp and ground water pressure.

## Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

## System Performance Guide

The table below shows how well the system complies with different characteristics.

A scale of 1 – 5 where 5 is the best value.

5 Excellent, 4 Very Good, 3 Good (Pass), 2 Fair, 1 Poor

Fire Safety	5	Impermeability	3
Scratch Resistance	2	Cleanability	4
Impact Resistance	1	Wear Resistance	2
Thermal Resistance	2	Chemical Resistance	3

## Technical Information

The figures that follow are typical properties achieved for Peran WW in laboratory tests at 20°C and at 50% Relative Humidity.

Fire Resistance BS 476-7  
Surface spread of flame: Class 1.

Temperature Resistance Tolerant up to 70°C  
Vapour Permeability ASTM:E96:90 -  
20g / m<sup>2</sup> / mm / 24 hr

Surface Hardness 182 secs. Koenig Hardness Test  
Chemical Resistance Good resistance to tea, coffee,  
cola, fruit juice, soaps and bleach.

Abrasion Resistance Taber Abrader:  
15 mg loss per 1000 cycles  
(1kg load using CS17 wheels)  
BS 8204-2 Class AR3

Bond Strength Greater than cohesive strength of  
25N/mm<sup>2</sup> concrete. >1.5 MPa.

## Speed of Cure

	10°C	20°C	30°C
Overcoating time	16 hrs	8 hrs	6 hrs
Full chemical cure	14 days	7 days	7 days

## Life Expectancy

5 - 7 years, Super and Standard, subject to correct maintenance regime.

## Environmental considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

## Further Information

To ensure you are specifying a fit for purpose coating for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable coatings on the market.

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for the world at your feet