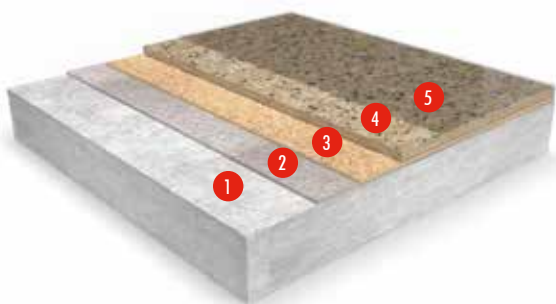


## Peran STB Public SR (3 mm)

A hard wearing, decorative flooring system made up of colour stable quartz granules encapsulated in a clear low emission resin binder with good resistance to UV light.



1 Prepared Substrate

2 Hydraseal DPM Natural

3 Scattered Natural Quartz

4 Peran STC LE Structure + Peran Compact White, Scattered Coloured Quartz

5 Peran STC LE Structure

### FIRE RESISTANCE

EN 13501-1

C<sub>fi</sub>-s1

### WEAR RESISTANCE

EN 13892-5

RWA10 (< 10 cm<sup>3</sup>)

### TEMPERATURE RESISTANCE

Tolerates and withstands temperatures up to 50°C

### IMPACT RESISTANCE

EN ISO 6272

IR20 (20 Nm)

### BOND STRENGTH

EN 13892-8

B2.0 (≥ 2 MPa)

### SLIP RESISTANCE\*

EN 13036-4 (typical values for 4-S rubber slider)

Dry >40 low slip potential

### VOC EMISSIONS COMPLIANCE

Indoor Air Comfort GOLD: Pass

M1: Pass | AGB/AgBB: Pass | BREEAM Int.: Exemplary Level

SPEED OF CURE	10°C	20°C	30°C
Light Traffic	36 hrs	24 hrs	16 hrs
Full Traffic	72 hrs	48 hrs	48 hrs
Full Chemical Cure	12 days	7 days	7 days

The figures above are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

\*The slipperiness of flooring materials can change significantly due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/or surface contaminants (wet or dry). Textured systems are recommended to meet slip resistance value requirements for wet conditions and/or surface contaminants (wet or dry). Please contact our Technical Department for further details and specifications.



### Anti-slip Finish:

Exceptional slip resistance in wet environments.



### Environmentally Friendly:

Extremely low VOC, they comply strictest requirements for emissions.



### High Mechanical Resistance:

Provides an impact-resistant and wear-resistant surface for rolling traffic.

## Model Specification

<b>System</b>	Peran STB Public SR
<b>Finish</b>	Gloss
<b>Thickness</b>	3 mm

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

## Products Included In This System

<b>Primer</b>	Hydraseal DPM Natural @ 0.3 kg/m <sup>2</sup> scattered with quartz 1.0 -1.8 mm @ 0.5 kg/m <sup>2</sup>
<b>Wearing Layer</b>	Peran STC LE @ 1.0 kg/m <sup>2</sup> + Peran Compact White @ 1.0 kg/m <sup>2</sup> Scattered Coloured Quartz 3.5 kg/m <sup>2</sup>
<b>Sealer</b>	Peran STC LE Structure @ 0.6 kg/m <sup>2</sup>

Detailed application instructions are available upon request.

## Commercial



Beige  
101

Biscuit  
102

Black  
901

Dark Grey  
703



Grass Green  
601

Light Grey  
701

Mid Blue  
501

Mid Grey  
702

## Industrial



Blue  
502

Cream  
103

Green  
602

Grey  
704



Red  
301

Yellow  
104

The applied colours may differ from the examples shown.  
For a full colour chart and samples, contact your local CPG office.

## Substrate Requirements

Concrete or screed substrate should be a minimum of 25 N/mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS8203 (4.5% on Tramex scale) and free from rising damp and ground water pressure. If no damp proof membrane is present 2 layers of Hydraseal DPM can be incorporated directly beneath the wearing layer.

## Installation Service

The installation should be carried out by a CPG approved contractor with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website [www.flowcrete.eu](http://www.flowcrete.eu).

## Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber drier in conjunction with a mildly alkaline detergent.

## Note

No resin system is totally colour fast and may change colour over time (exhibits a yellowing effect). Colour change depends on the UV light and heat levels present and hence the rate of change cannot be predicted. This is more noticeable in very light colours but does not compromise the product's physical or chemical resistance characteristics. We have endeavoured to adopt colours within our standard range which minimise this change.

Intensively coloured products (e.g. hair colourants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discolouration in the surface. Please contact our Technical Services Department for further advice.

## Environmental Considerations

The finished system is assessed as nonhazardous 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 Tremco CPG staff and fully trained and experienced contractors.

## Important Notes

CPG products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before

Tremco CPG'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. Any suggested practices or installation specifications for the composite floor or wall system (as opposed to individual product performance specifications) included in this communication (or any other) from Tremco CPG constitute potential options only and do not constitute nor replace professional advice in such regard. Tremco CPG recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

System Datasheet written for Tremco CPG. Please consult Technical Team in your own country region for specific details. [23/11/23, 01 UK]