

Peran STB (3 mm)

A hard-wearing, decorative epoxy resin floor topping made up of colour stable quartz granules encapsulated in a clear resin binder.

Ideal for use in commercial settings such as leisure facilities, schools and offices.



Attractive:

A decorative floor finish that is available in a range of colour combinations.



Hard-Wearing:

Hard-wearing & abrasion resistant suitable for medium to heavy traffic.



Easy to Clean:

The seamless finish allows the system to be easily cleaned.



Minimises Visible Scratches:

Coloured quartz finish disguises visible surface scratches.



Chemical Resistant:

Protects against a variety of chemicals found in commercial & industrial areas.



Dark Grey

Mid Grey

Light Grey

Light Blue



Green

Red

Yellow

Brown

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



Technical Profile*

| FIRE RESISTANCE | | | |
|---|--------------------------------|---|-------|
| EN 13501-1 | B _{fl} - s1 | | |
| SLIP RESISTANCE** | | | |
| Method described in BS 7976-2 (typical values for 4-S rubber slider) | | Dry >40, Wet depends on specification (in accordance with HSE and UKSRG guidelines) | |
| THERMAL RESISTANCE | | | |
| Tolerant of sustained temperatures up to 50°C | | | |
| WATER PERMEABILITY | | | |
| Nil – Karsten test (impermeable) | | | |
| VAPOUR PERMEABILITY | | | |
| ASTM E96:90 | 1.36g/m ² /mm/24hrs | | |
| ABRASION RESISTANCE | | | |
| Taber Abrader (1 kg load using CS17 wheels) | 50 mg loss per 1000 cycles | | |
| CHEMICAL RESISTANCE | | | |
| Contact Technical Department | | | |
| COMPRESSIVE STRENGTH | | | |
| EN 13892-2 | >40 N/mm ² | | |
| FLEXURAL STRENGTH | | | |
| EN 13892-2 | 15 N/mm ² | | |
| TENSILE STRENGTH | | | |
| BS 6319 | 10 N/mm ² | | |
| BOND STRENGTH | | | |
| Greater than cohesive strength of 25 N/mm ² concrete. >1.5 MPa | | | |
| IMPACT RESISTANCE | | | |
| EN ISO 6272 | 15Nm | | |
| SPEED OF CURE | | | |
| | 10 °C | 20 °C | 30 °C |
| Light Traffic | 36 h | 24 h | 16 h |
| Full Traffic | 72 h | 48 h | 36 h |
| Full Chemical Cure | 12 d | 7 d | 6 d |

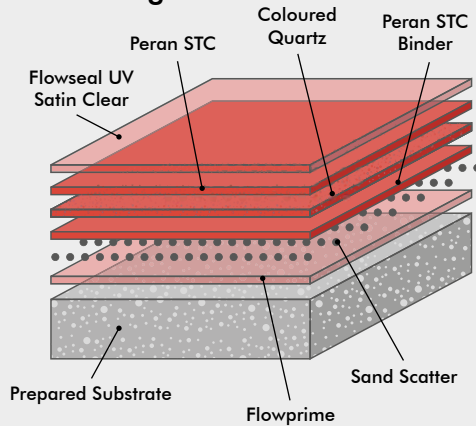
* These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity. **The slipperiness of flooring materials can change significantly, due to the installation process, after short periods of use, due to inappropriate maintenance, longer-term wear and/or surface contaminants (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 Advisors for further details and specifications.

Model Specification

| | |
|--------------|----------------|
| System | Peran STB |
| Thickness | 3 mm |
| Manufacturer | Flowcrete Asia |

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

System Design



Products Included In This System

| | |
|--------------|-------------------------|
| Primer | Flowprime |
| Sand Scatter | Silica Sand |
| Binder | Peran STC Binder |
| Quartz | Coloured Quartz |
| Topcoat | Peran STC |
| Sealer | Flowseal UV Satin Clear |

Detailed application instructions are available upon request.

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry up to 75% RH as per BS8204 and free from rising damp and ground water pressure.

Installation Service

The installation should be carried out by a licensed contractor with a documented quality assurance scheme. For details of our licensed contractors, contact our customer service team or enquire via our website at www.flowcreteasia.com

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.

Aftercare, Cleaning & Maintenance

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

Important Note

Flowcrete 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.

Further Information

To ensure you are specifying a fit-for-purpose floor, please consult our Technical Advisors or visit our website to register your interest in specifying one of the most durable floors on the market.

1. Light colours may require additional coats to achieve desired results 2. It is recommended that top coat colours are close to base coats colours to achieve desired results 3. This product is not UV stable and may discolour unless otherwise stated 4. System Data Sheet to be read in conjunction with Method Statement and Product data Sheets.