

Peran STB



Description

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

Uses

Ideal for use in wet and dry process areas where the floor is subject to heavy traffic, impact and chemical spills.

Benefits

- Decorative floor finish
- High scratch resistance
- Easy to clean and maintain
- Excellent abrasion and impact resistance
- Seamless, hygienic finish
- High chemical resistance

Standard Colour Chart



Dark Grey



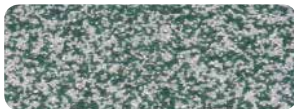
Mid Grey



Light Grey



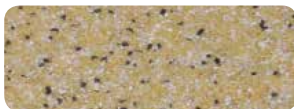
Light Blue



Green



Red

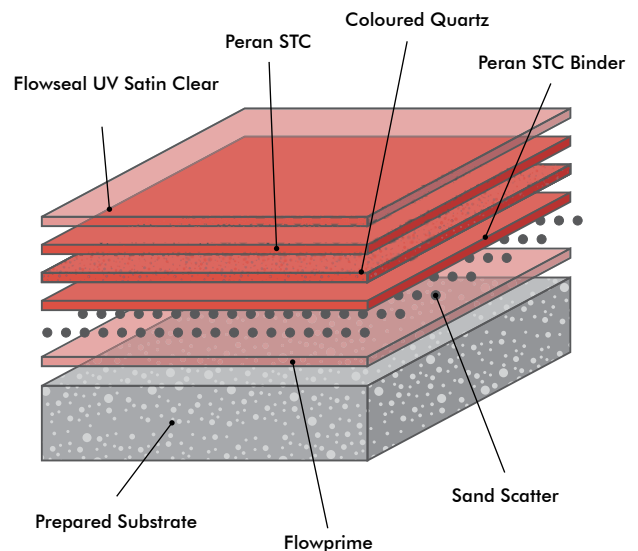


Yellow



Brown

System Design



Model Specification

System: Peran STB
Thickness: 3mm
Preparatory work and application in accordance with manufacturer's instructions.

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.

Products Included in this System

Flowprime
Silica Sand
Peran STC Binder
Coloured Quartz
Peran STC
Flowseal UV Satin Clear

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring 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 and Maintenance

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

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.

Technical Information

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

Fire Resistance	B _{FL} - s1 (EN 13501-1)
Slip Resistance	Dry > 40, Wet depends on specification (in accordance with HSE and UKSRG guidelines)
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.	
Impact Resistance	15Nm (EN ISO 6272)
Abrasion Resistance	Taber Abrader: 50mg loss per 1000 cycles (1kg Load using CS17 wheels)
Temperature 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
Chemical Resistance	Contact Technical Department
Compressive Strength	>40 N/mm ² (EN 13892-2)
Flexural Strength	15 N/mm ² (EN 13892-2)
Tensile Strength	10 N/mm ² (BS 6319)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. >1.5 MPa.

Speed of Cure

	10°C	20°C	30°C
Light Traffic	36 hrs	24 hrs	16 hrs
Full traffic	72 hrs	48 hrs	36 hrs
Full chemical cure	12 days	7 days	6 days

Customer Service

For more information regarding this product please contact your local Flowcrete office:

Flowcrete Asia	+60 3 6277 9575
Flowcrete Hong Kong	+852 2795 0478
Flowcrete China	+86 10 8472 1912
Flowcrete Thailand	+66 2539 3424
Flowcrete Indonesia	+62 21 252 3201
Flowcrete Vietnam	+84 8 6287 0846

Visit our website for more locations.

Further Information

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