

Peran STB Compact (3-5mm or 2-4mm)

Description

Peran STB is a hard wearing, decorative resin floor topping made up of colour stable quartz granules encapsulated in a clear resin binder. Peran STB is available with a matt or gloss finish.

Uses

Ideal for use in kitchens and 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 wear and impact resistance
- Seamless, hygienic finish
- Abrasion resistant
- Rapid installation
- High chemical resistance

Model specifications

Product: Peran STB

Finish: Gloss or Matt

Thickness: (Classic 3-5mm or Compact 2-4mm)

Preparatory work and application in accordance with suppliers instructions.

Products included in this system

Classic (3-5mm)

Primer: Peran STC @ 0.25 kg/m²

Scatter: Coloured Quartz Size 7 @ 0.5 kg/m²

Topping: Peran STC (as binder) @ 0.8 kg/m² mixed with Coloured Quartz Size 7 @ 6.60 kg/m²

Sealer: Peran TCW @ 0.65 kg/m² and Peran STC @ 0.15 kg/m²

Compact (3mm power floated finish)

Primer: Peran STC @ 0.25 kg/m²

Scatter: Coloured Quartz (size 5) @ 0.5 kg/m²

Slurry: Peran STC + Peran STC Filler @ 2 kg/m²

Topping: Coloured Quartz @ 3.5 kg/m²

For a smooth power floated finish

Sealer: Peran STC @ 0.2 kg/m²

For a textured non-power floated finish

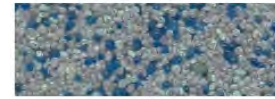
Sealer: Peran STC @ 0.5 – 0.8 kg/m²

For an optional Matt finish (additional coat)

Sealer: Flowseal PU Matt (WB) @ 0.08 kgs/m²
(Will slightly reduce surface texture)

Detailed application instructions are available upon request.

Standard colour chart



Blue 7200



Yellow 7400



Grey 7100



Grey 7600



Blue 7750



Cream 7700



Green 7300



Grey 7120



Red 7500



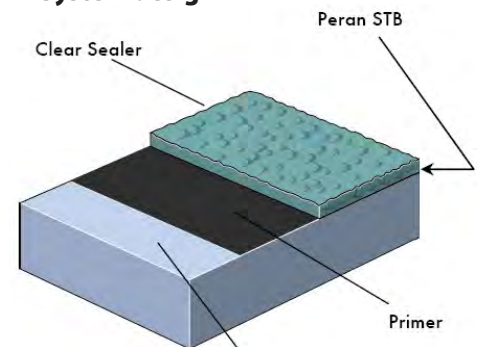
Grey 7770

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.

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

System design



Peran STB Compact (3-5mm or 2-4mm)

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 to 75% RH as per BS 8204 and free from rising damp and ground water pressure. If no damp proof membrane is present Hydraseal DPM can be incorporated directly beneath the Peran STB system.

Technical information

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

Fire Resistance	Class G Certificate No 1721 / 75 SITAC
Slip Resistance	Method described in BS 7976-2 (typical values for 4-5 rubber slider) Dry > 50 Wet > 30 (40 if size 5 Quartz) (the actual values achieved are dependent upon application and site condition)
Impact Resistance	ISO 6272 1 kg weight > 1.8m 2 kg weight > 1.5 m
Abrasion Resistance	BS 8204-2 Class AR2 – Medium duty industrial and commercial
Temperature Resistance	Tolerant up of sustained temperatures up to 50°C
Water Permeability	Nil – Karsten test (impermeable)
Vapour Permeability	ASTM E96:90 1.36g/ m ² /24hrs
Chemical Resistance	Go to www.flowcrete.com Excellent resistance to tea, coffee, cola fruit juice, soaps and bleaches
Compressive Strength	> 40 N/mm ² (BS 6319)
Flexural Strength	15 N/mm ² (BS 6319)
Tensile Strength	10 N/mm ² (BS 6319)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. > 1.5 MPa.

Complies with FerFA category 6.

Speed of cure

	10°C	20°C	30°C
Light Traffic	32 hrs	24 hrs	16 hrs
Full Traffic	72 hrs	48 hrs	48 hrs
Full chemical cure	12 days	7 days	7 days

Life expectancy

10 years subject to correct maintenance regime.

Focus on the floor zone

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 and corrosion protection systems. Our objective is to satisfy your Floorzone needs.

Flooring design service

Special corporate colours and designs can be produced to order.

After care – 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.

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.

