

Peran STB Public (3 mm)



Description

Peran STB Public is a hard wearing, decorative resin floor topping made up of colour stable quartz granules encapsulated in a clear low emission resin binder with good UV resistance.

Peran STB Public is a scatter and power trowel system with a matt finish.

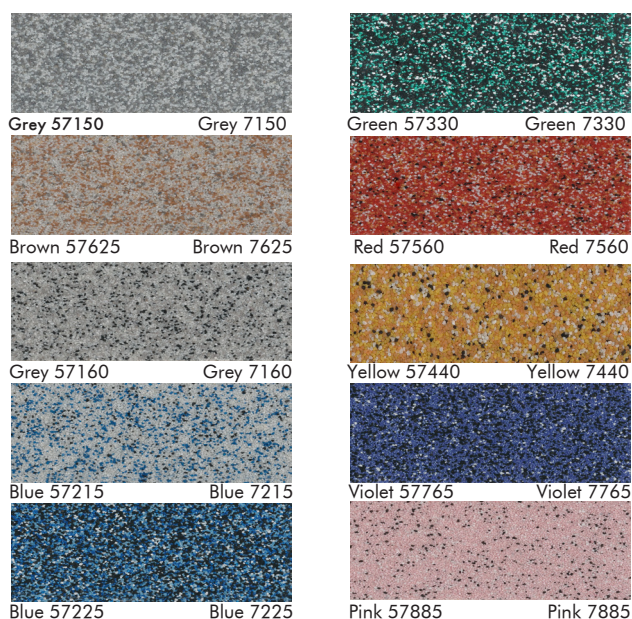
Applications

Ideal for use in public areas such as shops, galleries, corridors, schools and hospitals.

Advantages

- Seamless surface, hygienic finish
- Decorative floor finish
- Good UV resistance
- Low VOC system (M1 certified)
- Excellent wear and impact resistance
- Good abrasion resistance
- Good chemical resistance
- Fast track installation

Standard Color Chart



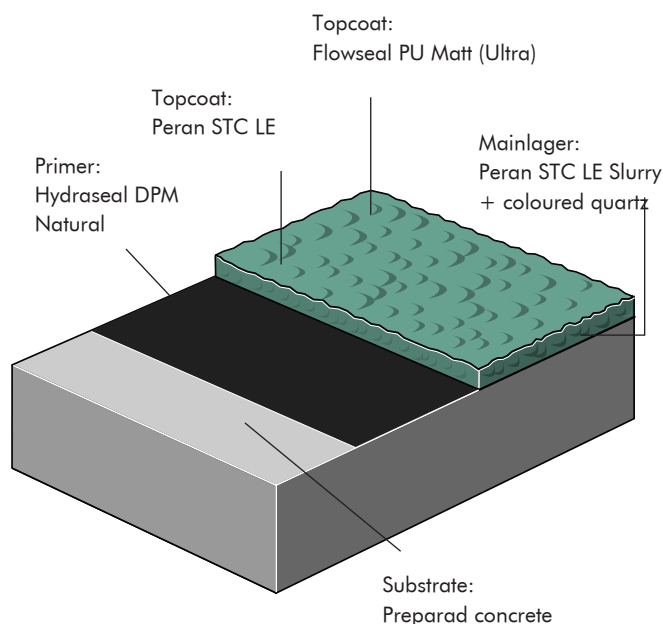
57XXX = quartz size 0,7-1,8 mm

7XXX = quartz size 0,7-1,2 mm

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

Special corporate colours and designs can be produced to order (restrictions apply)

System design



Specifications

Product: Peran STB Public
Surface: Matt
Thickness: 3 mm
Colour: e.g. Grey 57150
Preparatory work and application in accordance with the supplier's instructions
Manufacturer: Flowcrete Sweden AB, Sweden
Tel.: +46 435-40 01 10

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 and free from rising damp and ground water pressure. If no damp proof membrane is present. Hydraseal DPM is the primer to be used for the Peran STB Public system.

The system consists of the following products

Primer: Hydraseal DPM Natural 0.3 kg/m²
Quartz size 5(1,0-1,8 mm) 0.5 kg/m²
Coating: Peran STC LE 1.0 kg/m²
Peran Compact White 1.0 kg/m²
Coloured quartz 3.5 kg/m²
Topcoat 1: Peran STC LE 0.2 kg/m²
Topcoat 2: Flowseal PU Matt (Ultra) 0.06 kg/m²/coat (0.12 kg/m² total after two coats)

Detailed application instructions can be supplied on request.

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.

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.

Technical Information

The following values are typical laboratory-tested properties tested at 20°C and 50% relative humidity.

Reactin to fire	Bfl s1 (EN13501-1)
Slip resistance	TRRL Pendulum Slip test (4S rubber) Dry 55 Wet 26
Impact resistance	IR20, 20 Nm (EN ISO 6272)
Wear resistance	RWA 10, 2.35 cm ³ weight loss (SS-EN 13892-5)
Temperature resistance	Tolerates and withstands temperatures up to 50°C
Resistance to chemicals	Contact customer service
Adhesion	B2.0, > 3.0 N/m ² (EN 13892-8)
VOC	ISO 16000-9 and CEN/TS 16516 (EN 16402). Emission speed TVOC: 0.110 mg/m2h after 28 days

Curing Time

	10°C	20°C	30°C
Light traffic	36 h	24 h	16 h
Full traffic	72 h	48 h	48 h
Fully cured	12 days	7 days	7 days

Aftercare - Cleaning and Maintenance

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

Important Notes

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.

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 Flowcrete Sweden AB constitute potential options only and do not constitute nor replace professional advice in such regard. Flowcrete Sweden AB recommends any customer seek independent advice from a qualified consultant prior to reaching any decision on design, installation or otherwise.

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 colorants, medical disinfectants etc.) and plasticizer migration (e.g. from rubber tyres) can lead to irreversible discoloration in the surface. Please contact our Technical Services Department for further advice.

Further Information

In order to ensure that you specify the best possible flooring for the project, please consult our Technical Service Department or register your interest in specifying one of the most durable floors on the market via our website www.flowcrete.com

Please note that this System Datasheet may contain outdated information. Please contact us if you have any queries.