

## Peran PTS



### Description

Peran PTS is a hard-wearing, uni-coloured resin floor topping made up of natural coloured quartz granules power trowelled and then encapsulated in a resin binder. Peran PTS is available with a chemical resistant sealer coat and can be finished off in a matt or gloss finish.

### Uses

Ideal for use in heavy industrial type applications where durability and aesthetics are key factors. Wet and dry process areas where the floor is subject to heavy traffic, impact and chemical spills.

### Benefits

- High scratch resistance.
- Easy to clean and maintain.
- Excellent wear and impact resistance.
- Seamless, hygienic finish.
- Abrasion resistant.
- Rapid installation.
- High chemical resistance.

### Project References

Flowcrete SA, Spar, City Deep Meats, Nestle, Anglo Plats, BAT.

### Model Specification

Product: Peran PTS  
Finish: Gloss or matt  
Thickness: Compact 4.5 - 5 mm  
Colour: Refer Flowcrete Colour chart

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

### Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm<sup>2</sup>, free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS 8204 or <5% moisture content as per reading on a Tramex or similar and free from rising damp and ground water pressure. If no damp proof membrane is present Flowcem DPM can be incorporated directly beneath the Peran PTS system.



Light Grey



Light Stone



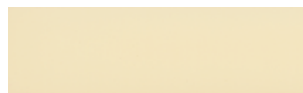
Mid Grey



Forest Green



Molluca



Cream



Tile Red



Beige

## 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 [www.flowcrete.com](http://www.flowcrete.com).

## 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, tank lining systems... to name just a few. Our objective is to satisfy your Floorzone needs.

## Compact (4.5 - 5mm power floated finish)

**Primer:** Flowprime @ 0.25 Ltr /m<sup>2</sup>

**Scatter:** B & E 1.1mm @1 kg/m<sup>2</sup>

**Slurry:** Peran PTS Slurry @ 1.6l /m<sup>2</sup>

**Topping:** Natural Quartz @ 4.5kg /m<sup>2</sup>

## For a smooth uni-colour finish

**Sealer:** Flowcoat SF41 @ 0.5 Ltr /m<sup>2</sup>

## Alternatively or With above

## For a chemical resistant clear finish

**Sealer:** CR Seal coat @ 0.5 Ltr /m<sup>2</sup>

Detailed application instructions are available upon request.

## Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheet available from Flowcrete on request and sent with every delivery.

## Important Note

Flowcrete's products are guaranteed against defective materials in the finished product.

## 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-S rubber slider) Dry 59    Wet 35 (40 if size 5 Quartz)
Impact Resistance:	ISO6272 1kg weight >1.8m                      2kg weight >1.5m
Abrasion Resistance:	BS 8204: Part 2 :2002 Class AR2- industrial and commercial
Thermal Resistance:	Tolerant of sustained temperatures of 50°C
Water Permeability:	Nil – Karsten test. (impermeable)
Vapour Permeability:	ASTM E96:90 1.36g/m <sup>2</sup> /mm/24hrs
Chemical Resistance:	Go to <a href="http://www.flowcrete.com">www.flowcrete.com</a>
Compressive Strength:	>70 N/mm <sup>2</sup> (BS 6319)
Flexural Strength:	15 N/mm <sup>2</sup> (BS 6319)
Tensile Strength:	10 N/mm <sup>2</sup> (BS 6319)
Bond Strength:	Greater than cohesive of 25 N/mm <sup>2</sup> concrete >1.5mPa

## Speed of Cure

	10°C	20°C	30°C
Light traffic	36hrs	18hrs	12hrs
Full traffic	72hrs	24hrs	24hrs
Full chemical cure	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.