



Peran STB (1/4")

A decorative, hard wearing, epoxy floor mortar containing colorful and durable quartz aggregates.



Chemical Resistant:

Protects against a range of acids, alkalis, solvents, alcohol, sanitizers and fuel.



Wear Resistant:

Excellent abrasion, impact and scratch resistance in high traffic areas.



Decorative:

Available in a range of vibrant high gloss colors and finishes.



Slip Resistant:

Adjustable, positively textured profile to minimize slip risks in wet or damp areas.



Seamless & Easily Cleaned:

Seamless installation ensures dirt and dust are swiftly and easily cleaned away.

Standard Colors:



Spring Glen



Gray Mist



Rococo



Blueberry Ice



Kitchen Red



Shell

COMPRESSIVE STRENGTH:

| | |
|------------|-------------|
| ASTM C 579 | >10,500 psi |
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TENSILE STRENGTH:

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|------------|------------|
| ASTM D 638 | >1,450 psi |
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FLEXURAL STRENGTH:

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|------------|------------|
| ASTM C 580 | >2,175 psi |
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SLIP RESISTANCE:

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|---|---------------------------|
| PTV BS 7976-2 (Using TRRL Rubber Slider) | Dry: 60 Wet: Dependent |
|---|---------------------------|

ABRASION RESISTANCE:

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| ASTM D 4060 CS 17 Wheel, 1000 cycles | 0.070g loss |
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SURFACE HARDNESS:

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|----------------------|-----------|
| Koenig Hardness Test | >180 secs |
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BOND STRENGTH:

Greater than cohesive strength of 3,000 psi concrete, > 220 psi

TEMPERATURE RESISTANCE:

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|----------------------|-------------|
| Continuous Exposure: | Up to 140°F |
|----------------------|-------------|

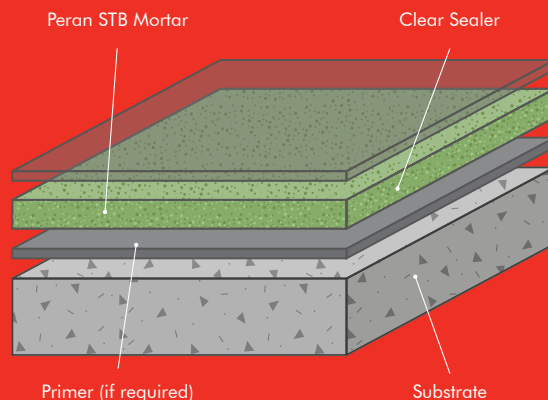
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| VOC (FLOWCOAT SF41): | 12 g/l |
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| SPEED OF CURE: | 50°F | 70°F | 90°F |
|----------------|------|------|------|
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|---------------|--------|--------|-------|
| Light Traffic | 30 hrs | 16 hrs | 8 hrs |
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|--------------|--------|--------|--------|
| Full Traffic | 96 hrs | 48 hrs | 36 hrs |
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|--------------------|---------|--------|--------|
| Full Chemical Cure | 12 days | 7 days | 3 days |
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The applied colors may differ from the examples shown. For a full color chart and samples, contact your local Flowcrete office.

Products Included In This System

| | |
|------------------|----------------------------------|
| Primer: | Flowprime at 175 - 225 sq ft/gal |
| Mortar:* | Peran STC at 35 sq ft/gal |
| Sealer:** | Peran STC at 60 sq ft/gal |

*Mortar consists of 1.5 gallons of Peran STC and 100 lbs of color quartz

**Alternative sealing method is to apply Peran TCW as a grout coat, then finish with a thin coat of Peran STC

Coverages listed are theoretical, coverages may vary based on substrate and site variations. For optional slip resistant dressings please consult our Technical Advisors.

Installation

Installation should be carried out by a Flowcrete STAR or preferred contractor with a documented quality assurance note. Obtain details of our preferred contractor network from our customer service team or by enquiring through our website. Detailed application instructions are also available upon request.

Substrate Requirements

Concrete or screed substrate should have a minimum of 3,000 psi compressive strength, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

Technical Profile

The figures and test results shown overleaf are typical properties achieved in laboratory tests at 68°F and at 50% Relative Humidity.

Aftercare, Cleaning & Maintenance

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

Environmental Health & Safety

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 and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete Americas' staff and fully trained application teams.

Warranty

Flowcrete Americas' 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. Please review warranty in detail before installing the products.

Disclaimer

Any recommendation or suggestion relating to the use of products manufactured by Flowcrete Americas, whether in its technical literature or in response to a specific inquiry, is based upon data believed to be reliable, however the products and information are intended for use by applicators having requisite skill and know-how in the industry and therefore it is for the applicator to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the applicator has done so at its sole discretion and risk.

[05/26/15]