



Peran TCW

Product Sheet

Product Description

Peran TCW is a 2-component, multi-purpose, 100% solids thixotropic epoxy resin system. It can be pigmented with color packs.

Available as Peran TCW Fast Set for faster drying which is not recommended for topcoat applications.

Uses

Peran TCW is used as a thixotropic vertical primer, grout coat, binder and sealer coat for cove base and as an orange peel topcoat.

Environment & Health

Peran TCW is a solvent and nonylphenol free product, and practically odorless during application. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken.

For more information, please refer to the safety datasheets for the individual components.

Ratio of Components

2 parts of Base A are mixed with 1 part of Hardener B, by volume.

Add all of Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air.

Application Temperature

The recommended substrate temperature is 60-80°F, but no less than 50°F.

The temperature of the substrate should exceed the "dew point" by 5°F during application and hardening.

Application Time/Pot Life

Ready-mixed product should be used within 30 minutes at a temperature of 70°F.

At higher temperatures the application time is shorter.

Curing Time (70°F)

Can be overcoated after 12 hours.

Maximum overcoat time 24 hours

The product is fully hardened after 5-7 days.

High humidity in the early stages of cure can result in white, matt surfaces (blooming).

Do not cover or wash within the first 16 hours of curing.

Typical Uses

As a Primer, binder and sealer for cove base, mix A and B at 2:1 by volume.

As an orange peel coating, mix A and B at 2:1 by volume and add one Flowcrete Universal Color pack per 3 gallons.

Solids content

Approx. 100 %.

Finish

Gloss

VOC

23 g/l

Density

Component A approx. 1.13 kg/l (9.43 lbs/gallon).

Component B approx. 1.01 kg/l (8.43 lbs/gallon).

A+B approx. 1.09 kg/l (9.10 lbs/gallon).

Storage

12 months in unopened pack at a temperature of 50-90°F.

Protect from weather and moisture / contaminant ingress.

Packaging

The product is delivered A+B in the following packs:

Unit	Base A	Hardener B
3 Gallons	2 Gallons	1 Gallon

Physical Properties

Property	Result	Test Method
Compressive Strength	>11,600 psi	ASTM C579
Flexural Strength	> 8,700 psi	ASTM C580
Tensile Strength	>7,175 psi	ASTM C307

Further Information

If you would like additional information please consult our Technical Advisory Team at the number listed below or visit our website to register your interest in specifying a Flowcrete flooring system.

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