



Peran STB Marine

Product sheet

Product description

Peran STB Marine is a two or three component, solvent free, epoxy clear plastic. The product has good light fastness, good resistance to early water contact (24 hours, 20 ° C), and provides a hard, tight surface with high chemical resistance.

Uses

Peran STB Marine is used as a primer, bonding agent and sealer in the IMO approved system Peran STB Marine (Certificate: MED-B-6284).

Environment & Health

Peran STB Marine is a solvent and nonylphenol free product, and practically odourless 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

2.1 parts of component A are mixed with 1 part of component B, by weight.
1.9 parts of component A are mixed with 1 part of component B, by volume.

Add all of Hardener B to Base A. Never mix by hand, always mix with a slow speed drill and helical spinner, taking care not to entrain air.

For the slurry bonding agent, then add all of Filler C.

Application temperature

The recommended substrate temperature is 15 - 25°C, but no less than 10°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 5°C in the 24 hrs after application.

Application time/pot life

Ready-mixed product should be used within 30 minutes at a temperature of 20°C.
At higher temperatures the application time is shorter.

Curing time (at 20°C)

Can be overcoated after 15 hours. Maximum overcoat time 24 hours

Can be walked on after 15 hours.

The product is fully hardened after 5-7 days.

A newly applied surface may not be covered or washed for the first 24 hours after application.

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

Colours

Clear

Solids content

Approx. 100 %

Finish

Gloss

Density

Component A approx. 1.15 kg/l
 Component B approx. 1.02 kg/l
 A+B approx. 1.10 kg/l.

Storage

12 months in unopened pack.
 Storage temperature between 10 and 25°C.
 Protect from weather and moisture / contaminant ingress.

Packaging

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

For use as a primer and sealer:

Unit	Peran STB Marine Base A	Peran STB Marine Hardener B
15.5 kg (14 litres)	10.5 kg (9.1 litres)	5.0 kg (4.9 litres)

For use as the slurry bonding agent:

Unit	Peran STB Marine Base A	Peran STB Marine Hardener B	Peran STB Marine Filler C
40.5 kg (24.3)	10.5 kg (9.1 litres)	5.0 kg (4.9 litres)	25.0 kg (10.3 litres)

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

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