

Peran DV

Product sheet

Product description

Peran DV is a single-coloured, two-component, solvent-free epoxy product for the surface treatment of tanks and reservoirs for drinking water. Peran DV has been toxicologically evaluated and approved by the Norwegian Institute of Public Health for use in drinking water tanks and reservoirs.

Uses

Peran DV is used as a surface treatment on concrete and steel substrates. The finished surface becomes smooth, durable and easy to clean.

Environment & Health

Peran DV is a solvent and Nonyl Phenol 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

2.5 parts of Base A are mixed with 1 part of Hardener B, by weight.

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 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 24hrs 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 10 hours.

Maximum overcoat time 24 hours.

Can be walked on after 15 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 within first 24 hours of curing.

Colours

Peran DV is available in various shades of grey, from light to dark.

Solids content

Approx. 100 %

Finish

Gloss

Density

Component A approx. 1.40 kg/l

Component B approx. 1.06 kg/l

A+B approx. 1.28 kg/l.

Storage

12 months in unopened pack.

Storage temperature between 5°C and 40°C.

Protect from weather and moisture/contaminant ingress.

Packaging

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

Unit

10 kg (7.8 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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