

Flowseal UV (Pigmented) Gloss (formerly TP 214)

Product sheet

Product description

A 2-component, coloured, gloss, UV light stable, polyurethane sealer.

Uses

Flowseal UV (Pigmented) Gloss is used as a final topcoat, primarily in systems that require a light stable finish.

Environment & Health

Flowseal UV (Pigmented) Gloss contains solvent, ensure adequate ventilation and/or extraction. 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

4 parts of component A are mixed with 1 part of component B, by weight.

Add all of Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air. Flowseal UV (Pigmented) Gloss must be distributed evenly in consistent layer thickness, not exceeding 100µ, to ensure a glossy and bubble-free finish. Use a paint tray, high quality fluff-free roller and finish within five minutes of applying to the floor (coverage 0.25 kg/m² total for two coats).

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)

Tack free after 8 hours, can be overcoated after 16 hours.

Maximum overcoat time 24 hours

Can be walked on after 16 hours.

The product is fully hardened after 5 - 7 days.

Good ventilation and the correct humidity are prerequisites to achieve the above drying times.

Ambient humidity should be between 30 and 80% RH during application and cure.

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

Do not cover or wash within the first 24 hours of curing.

Colours

White

Solids content

Approx. 63% (by weight)

Finish

Gloss

Density

Component A approx. 1.2 kg/litre.

Component B approx. 1.1 kg/litre.

A+B approx. 1.2 kg/l.

Storage

Base A, 12 months in unopened pack. Hardener B, 6 months in unopened pack.

Storage temperature between 5°C and 30°C.

Protect from weather and moisture/contaminant ingress.

Packaging

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

Unit		Base A	Hardener B
5 kg	(4.2 litres)	4 kg	1 kg

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.

2014.07. 04 UK