

Flowfast Damp Primer

Product sheet

Product description

A 2-component low viscosity methyl methacrylate (MMA) based primer designed for damp cementitious substrates. Flowfast Damp Primer will bond to new and old concrete that has a Relative Humidity up to 100% (to BS 8204, surface dry).

Uses

For priming of damp concrete and screeds, prior to overcoating with Deckshield Rapide or Flowfast resin toppings.

Environment & Health

Flowfast Damp Primer is a solvent free product but has an odour associated with it, 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 (by weight of Flowfast Damp Primer)

| | | |
|--------|--------------------------|----------------------------------------------|
| @ 30°C | add 2% Flowfast Catalyst | 1 cm ³ Flowfast Catalyst = 0.64 g |
| @ 20°C | add 3% Flowfast Catalyst | |
| @ 10°C | add 4% Flowfast Catalyst | 1g Flowfast Catalyst = 1.57 cm ³ |
| @ 0°C | add 5% Flowfast Catalyst | |

Add the required amount of catalyst to the resin. Mix with slow speed drill and helical spinner, taking care not to entrain air. Exceed the minimum application layer thickness (300µ) to allow a continuous, unbroken resin film, which ensures full through cure. Re-apply a further layer if glossy or tacky patches are apparent after cure.

When applying thicker section or filled coatings, a light scatter of fine dry quartz must be applied into the wet primer to provide a mechanical key and to ensure that the coating is not applied too thinly; this prevents curing or adhesion problems in the coating.

When applying thin section coatings to the primer layer, no quartz scatter is required. However, the coatings must be applied to primer within 4-6 hours to prevent adhesion problems.

Application temperature

The recommended substrate temperature is 10 - 25°C, but no less than 0°C and to a maximum of 30°C. The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening.

Application time/pot life

Ready-mixed product should be used within 15 minutes at a temperature of 20°C. At higher temperatures the application time is shorter.

Curing time (at 20°C)

The product is fully hardened after 60 minutes.

Colour

Transparent

Solids content

Approx. 100 %

Finish

Eggshell.

Density

Approx. 1.0 kg/litre.

Storage

6 months in unopened pack.

Storage temperature between 5°C and 40°C (out of direct sunlight).

Flash point + 11.5°C.

Protect from weather and moisture/contaminant ingress.

Packaging

The product is delivered in the following packs.

Unit

50 kg (50 litres)

180 kg (180 litres)

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