

## Flowfast Standard Primer

### Product sheet

#### Product description

A 2-component low viscosity methyl methacrylate (MMA) based primer for concrete and cementitious substrates. Flowfast Standard Primer will bond to surface dry substrates that have a Relative Humidity up to 95% (to BS 8204).

#### Uses

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

#### Environment & Health

Flowfast Standard 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 Standard Primer)

|              |                          |  |
|--------------|--------------------------|--|
| @ 30°C       | add 1% Flowfast Catalyst | 1 cm <sup>3</sup> Flowfast Catalyst = 0.64 g |
| @ 20°C       | add 2% Flowfast Catalyst |  |
| @ 10°C       | add 4% Flowfast Catalyst | 1g Flowfast Catalyst = 1.57 cm <sup>3</sup>  |
| @ 0 to -10°C | add 6% 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 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 0 - 25°C, but no less than -10°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.

For application temperatures below -10°C, please consult the Technical Department.

#### 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 30 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.

**Packaging**

The product is delivered in the following packs.

Unit

50 kg      (50 litres)  
180 kg      (180 litres)

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