

## Flowfast Pump Screed Primer

### Product sheet

#### Product description

A 3-component low viscosity methyl methacrylate (MMA) based primer for Flowscreed / Isocrete cementitious pumped screeds (e.g. Flowscreed Industrial Top). Flowfast Pump Screed Primer will bond to surface dry substrates that have a Relative Humidity up to 95% (to BS 8204).

**Note:** Material is delivered in white coloured tins.

#### Uses

For priming of Flowcrete pumped screed substrates, prior to overcoating with Flowfast resin toppings.

#### Environment & Health

Flowfast Pump Screed 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 Pump Screed Primer Resin)

Temperature	Flowfast Pump Screed Primer Additive	Flowfast Catalyst (within 2 hrs)	Pot life (approx.)	Curing time (approx.)
30°C	25% and mix	2%	8 minutes	15 minutes
20°C	25% and mix	3%	10 minutes	25 minutes
10°C	25% and mix	4%	12 minutes	35 minutes
0°C	25% and mix	5.5%	15 minutes	40 minutes

1g Flowfast Catalyst = 1.57 cm<sup>3</sup> (1 cm<sup>3</sup> Flowfast Catalyst = 0.64 g)

Add Flowfast Pump Screed Additive at 25% by weight of the Primer resin, mix and immediately add the required amount of Flowfast Catalyst to the resin and Additive mix. Mix with a slow speed drill and helical spinner, taking care not to entrain air.

Flood the surface to saturation point 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.

Once cured (**and within 8 hours**), apply a further application layer of Flowfast Standard Primer (new), undiluted in the normal manner and broadcast with quartz as detailed in the relevant specification.

It is important to work with freshly mixed material; only mix enough that can be applied within the pot life guidelines given above.

**Note:** Once Flowfast Pump Screed Additive is added to the resin, it must be mixed with the Catalyst within 2 hours or the adhesion promoting properties will be lost.

**Note:** Do not add more than 25% by weight of the Flowfast Pump Screed Additive – higher dosages will lead to curing problems.

**Note:** Apply Flowfast Standard Primer (new) within 8 hours of the Flowfast Pump Screed Primer being applied, to ensure the best inter-coat adhesion.

### 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.

For application temperatures below 0°C, please consult the Technical Department.

### Colour

Transparent.

### Solids content

Approx. 100 %.

### Density

Approx. 1.00 kg/litre.

### Storage

6 months in unopened pack.

Storage temperature between 5°C and 30°C (out of direct sunlight).

Flash point +10°C.

Protect from weather and moisture / contaminant ingress.

### Packaging

The product is delivered in the following individual packs:

#### Flowfast Pump Screed Primer Resin - Part A

25 kg	(25 litres)
180 kg	(180 litres)

#### Flowfast Pump Screed Primer Additive - Part B

1 kg	(1 litre)
30 kg	(25 litres)
180 kg	(180 litres)

**Note:** 25 kg of the Resin requires 6.25 kg of Additive at 25% addition rate.  
180 kg of the Resin requires 45 kg of Additive at 25% addition rate.

Please ensure that the Resin (Part A), Additive (Part B) and Flowfast Catalyst are ordered as required.

*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.*