

## Flowfast SL Binder (blu)

### Product sheet

#### Product description

A 2-component, clear, medium viscosity methyl methacrylate (MMA) based binder with improved flow properties for self smoothing Flowfast floor coatings.

**Note:** This material is supplied in blue tins.

#### Uses

Flowfast SL Binder is primarily used in the Flowfast SL system. Systems using Flowfast SL Binder must always be treated with a Flowfast sealer (e.g. Flowfast Standard Sealer). Flowfast SL Binder is a general purpose resin, it must not be used in areas subject to heavy hot water loading; for such situations we recommend Flowfast Hot Water Binder (will not have the same smoothing properties as SL Binder).

#### Environment & Health

Flowfast SL Binder 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 SL Binder)

@ 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>

Add the required amount of catalyst to the resin. Mix with a 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.

#### Application temperature

The recommended substrate temperature is 10 - 25°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 40 minutes.

**Colour**

Transparent

**Solids content**

Approx. 100 %

**Finish**

Eggshell.

**Density**

Approx. 1.0 kg/litre.

**Storage**

6 months in unopened pack. The date of manufacture is given on the label in the format xxxxxx-140708C3, where the date is 2014 July 8<sup>th</sup>. xxxxxx and C3 are internal codes.

Storage temperature between 5°C and 30°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            Flowfast SL Binder (blu)

50 kg            (50 litres)

180 kg          (180 litres)

**Note:**        This material is supplied in blue tins.

*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.*