

Flowfast Standard Binder

Product sheet

Product description

A 2-component, clear, medium viscosity methyl methacrylate (MMA) based binder for Flowfast floor coatings.

Uses

Flowfast Standard Binder is used as a binder, primarily in Flowfast systems with decorative aggregates and flakes.

Systems using Flowfast Standard Binder as the main binder must always be treated with a Flowfast sealer (e.g. Flowfast Standard Sealer). Flowfast Standard 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.

Environment & Health

Flowfast Standard 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 Standard Binder)

@ 30 °C	add 1% Flowfast Catalyst	1 cm ³ Flowfast Catalyst = 0.64 g
@ 20 °C	add 2% Flowfast Catalyst	
@ 10 °C	add 4% Flowfast Catalyst	1g Flowfast Catalyst = 1.57 cm ³
@ 0 to -10 °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 to allow a continuous, unbroken resin film, which ensures full through cure.

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 40 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)

Flowcrete SA (Pty) Ltd
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