

Flowfast Flexible Binder (wht)

Product sheet

Product description

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

Note: Material is delivered in white coloured tins. Formerly known as Flowfast Flexible Binder (new).

Uses

Flowfast Flexible Binder is an elasticised resin binder intended for the formulations of flexible membranes and coating systems exposed to sub zero temperatures. It is mainly used for:

- Waterproofing and shock absorbing membrane on ramps, bridges and in off shore applications.
- Flexible floor coverings, especially if exposed to low temperatures (e.g. freezers).
- Outdoor applications exposed to heavy mechanical loads and rapid variation of temperature.

In general, coatings based on Flowfast Flexible Binder should be coated with a flexible sealer such as Flowfast Flexible Seal.

Environment & Health

Flowfast Flexible 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 Flexible Binder)

Temperature	Flowfast Catalyst	Pot life (approx.)	Curing time (approx.)
30°C	1%	10 minutes	30 minutes
25°C	1.5%	12 minutes	35 minutes
20°C	2%	12 minutes	40 minutes
15°C	3%	15 minutes	45 minutes
10°C	4%	15 minutes	50 minutes
0°C	5%	15 minutes	60 minutes

1g Flowfast Catalyst = 1.57 cm³ (1 cm³ Flowfast Catalyst = 0.64 g)

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 (minimum application thickness 1 mm), which ensures full through cure.

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

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. 1.0 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 packs.

Unit

25 kg (25 litres)

180 kg (180 litres)

CE Mark

See the Declaration of Performance for details.

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.