

## Flowfast Accelerator (blu)

### Product sheet

#### Product description

Flowfast Accelerator (blu) is a low viscosity, yellow coloured liquid. It is used to accelerate the polymerisation when applying Flowfast resins.

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

#### Environment & Health

Flowfast Accelerator (blu) 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.

#### Uses

Used as an accelerator when a thorough thermoset cure cannot be achieved alone by the addition of the recommended amount of Flowfast catalyst. Flowfast Accelerator is mixed together with the Flowfast reactive resins to achieve full thermoset cure of the mixture within a satisfactory time period - enables application of Flowfast products at cold temperatures, from 0°C to - 30°C.

For use with primers (blu), binders (blu) and sealers (blu) that are 100% MMA products.

**Do Not use with** Deckshield Rapide & Flowfast Membranes.

Depending on the sealer, thickness and ambient conditions, the addition of Flowfast Accelerator (blu) may cause a yellow discolouration. For clear sealers on light coloured coatings, we recommend small application trials with different amounts of Flowfast Accelerator and Catalyst, to find out the optimal balance between proper curing and colour fastness.

If added to a sealer, always use dark pigmented colours to mask any yellowing resulting from the accelerated reaction (i.e. not recommended for clear seals/systems e.g. Flowfast Quartz).

**Note:** Before mixing, it is important to ensure that the temperatures of all the components (including the Fillers) are not below 10°C. This means that, before mixing, they must be stored away from the area where they will be applied.

**Note:** For safety reasons it is essential that the Flowfast Accelerator never comes into contact with the Flowfast Catalyst. Therefore, the Flowfast Accelerator is added and stirred into the Flowfast reactive resin **prior to** adding the Flowfast Catalyst and Fillers.

**Note:** If the coating system is to be specifically for use at low temperatures, the resin types used must also be suitable for that purpose, we recommend that the highly elastic types such as Flowfast Flexible Binder be used with Flowfast Flexible Seal as the topcoat.

The quantity of the Flowfast Accelerator added depends on the relevant type of resin, the filler, the filling ratio and the air & substrate temperatures during application. The required quantity of Flowfast Accelerator (blu) is measured using a dosing syringe or measuring cylinder, see the following tables for examples.

## Ratio of components

### For Primers - examples based on a 10 litre mix

Temperature	Add Flowfast Accelerator and mix		Then add Flowfast Catalyst and mix		
	% by wt	ml	% by wt	ml	g
0°C	0.7	70	6	942	600
-10°C	1.4	140	6	942	600
-15°C	2.1	210	6	942	600
-20°C	2.8	280	6	942	600
-30°C	4.2	420	6	942	600

### For Binders and Sealers - examples based on a 10 litre mix

Temperature	Add Flowfast Accelerator and mix		Then add Flowfast Catalyst and mix		
	% by wt	ml	% by wt	ml	g
0°C	Not required	Not required	5	785	500
-10°C	1.05	105	5	785	500
-15°C	1.4	140	5	785	500
-20°C	2.1	210	5	785	500
-30°C	3.0	300	5	785	500

Add Flowfast Accelerator (blu) to the resin at the required dosage, mix with a slow speed drill and helical spinner, taking care not to entrain air; then mix in the required amount of Flowfast Catalyst. Follow the application requirements for the product being used.

**Note:** For application temperatures above 0°C, do not use the Accelerator.

**Density** Approx. 1.00 kg/litre.

**Solids content** Approx. 100 %

## Storage

6 months in unopened pack, kept in a cool and dry place. 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.

The optimum storage temperature is 15 - 20°C, maximum storage temperature 25°C (out of direct sunlight).

At lower temperatures the Flowfast Accelerator (blu) may crystallize in the packaging. This is a physical process only, which means no loss of quality. If necessary, the product can be re-liquified by warming (e.g. in a water bath). Please refer to our safety data sheets and observe the instructions for fire prevention when warming or heating up.

Protect from weather and moisture / contaminant ingress.

## Packaging

The product is delivered in the following packs:

Flowfast Accelerator (blu)      5 kg (5 litres).

*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.*