

Flowfast Flexible Seal (blu)

Product sheet

Product description

A 2-component, elastified, UV-resistant, low viscosity methyl methacrylate (MMA) based sealer for Flowfast floor coatings. In its liquid state it is blue/violet in colour, which is no longer visible after polymerisation (curing).

Note: This material is supplied in blue tins.

Uses

Flowfast Flexible Seal is an elastified surface sealer and is designed for use on Flowfast floor coatings exposed to surface tension from warm water loads or thermal shock. It can be used alone, or in combination with Flowfast Hard Seal or Flowfast Standard Seal. Typical uses are:

- As a first seal coat on Flowfast Flakes or Flowfast Quartz Scatter system, followed by a harder and stronger coat of Flowfast Hard Seal (or Flowfast Standard Seal).
- As a seal coat for floors exposed to heavy water loads without any aggressive chemical attack.
- As a seal coat for flexible systems for outdoor applications.

Flowfast Flexible Seal does not tend to exhibit heavy white discolouration in areas of permanent water loading, as can be typical in sealers based on methyl methacrylate. However, it is always recommended to gather waste or flowing water (particularly hot) into channels and convey into a proper drainage system. Provide for a sufficient number of gullies. Thus, the service durability of the floor will be significantly prolonged.

Environment & Health

Flowfast Flexible Seal 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 Seal)

@ 30°C	add 1.0% Flowfast Catalyst	1 cm ³ Flowfast Catalyst = 0.64 g
@ 20°C	add 1.5% Flowfast Catalyst	
@ 10°C	add 3.0% Flowfast Catalyst	1g Flowfast Catalyst = 1.57 cm ³
@ 0 to -10°C	add 5.0% 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. Re-apply a further layer if glossy or tacky patches are apparent after 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. The date of manufacture is given on the label in the format xxxxxx-140708C3, where the date is 2014 July 8th. 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 Flexible Seal (blu)

50 kg (50 litres)

180 kg (180 litres)

Note: This material is supplied in blue tins.

CE Mark

Flowfast Flexible Seal was tested as part of the Flowfast Terrosso system (as a sealer).

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.