

Flowfast Standard Seal (blu)

Product sheet

Product description

A 2-component, 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 Standard Seal is used as a general purpose sealer for smooth or lightly textured profiles, primarily in Flowfast systems with decorative aggregates and flakes (e.g. Flowfast Quartz, Flowfast Quartz Scatter and Flowfast Flakes).

For areas that are exposed to intense wheeled traffic and/or spillage of aggressive chemicals we recommend the first sealer layer to be done with Flowfast Standard Seal followed by a second coat of Flowfast Hard Seal, which provides a harder surface.

For areas that are exposed to spillage of **hot** liquids and/or frequent water load in combination with chemicals we recommend the use of Flowfast Flexible Seal, which provides a more resistant surface. If two seal coats are required, the first sealer layer may be done with Flowfast Standard Seal followed by a second coat of Flowfast Flexible Seal.

A permanent water loading can result in a white discolouration of the Flowfast Standard Seal. Therefore, always gather waste or flowing water (particularly hot) into channels and convey into a proper drainage system. Provide for a sufficient number of gullies.

Environment & Health

Flowfast Standard 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 Standard 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°C	add 4.0% Flowfast Catalyst	

@ 0 to -10°C mix 0.5% Flowfast Accelerator by weight into the resin **before** adding 5.0% Flowfast Catalyst (mix at ambient conditions and then take to the application area).

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 (0.25 to 0.5 kg/m² depending on the Flowfast coating to which it is applied). Re-apply a further layer if glossy or tacky patches are apparent after cure.

It is important to work with freshly mixed material; only mix enough that can be applied within 10 minutes.

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 Flowcrete 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.

Finish

Eggshell.

Solids content

Approx. 100 %.

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 Standard Seal (blu)

50 kg (50 litres)

180 kg (180 litres)

Note: This material is supplied in blue tins.

CE Mark

Flowfast Standard 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.