

Flowfast Ceramic/Metal Primer (blu)

(Additive included within the resin)

Product sheet

Product description

A 2-component low viscosity methyl methacrylate (MMA) based primer for metal (e.g. iron, aluminium, stainless steel) and ceramic tile substrates. Flowfast Ceramic/Metal Primer will bond to surface dry substrates that have a Relative Humidity up to 95% (to BS 8204).

Note: This material is supplied in blue tins.

Uses

For priming of metal and ceramic substrates, prior to overcoating with Deckshield Rapide or Flowfast resin toppings. Flowfast Ceramic/Metal Primer is not suitable for non-ferrous heavy metals and Zinc. Glazed surfaces must be removed from tiles before applying the primer (e.g. by diamond grinding or shot blasting). Loose tiles and tiles over hollows must be removed. Steel substrates must be prepared to SA 2.5 (to DIN 55929).

Environment & Health

Flowfast Ceramic/Metal Primer 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 Ceramic/Metal Primer)

@ 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 6% Flowfast Catalyst	

Add the required amount of catalyst to the resin and additive mix. 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.

When applying thicker section or filled coatings, a light scatter of fine dry quartz must be applied into the wet primer to provide a mechanical key and to ensure that the coating is not applied too thinly; this prevents curing or adhesion problems in the coating.

When applying thin section coatings to the primer layer, no quartz scatter is required. However, the coatings must be applied to primer within 4-6 hours to prevent adhesion problems.

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 30 minutes.

Colour

Transparent

Finish

Eggshell.

Solids content

Approx. 100 %

Density

Approx. 1.00 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 40°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 (Additive now included within the resin).

Resin	Flowfast Ceramic/Metal Primer (blu)
20 kg	(20 litres)
50 kg	(50 litres)
180 kg	(180 litres)

Note: This material is supplied in blue tins.

CE Mark

Flowfast Ceramic/Metal Primer was tested as part of the Flowfast Terrosso system (as a primer).

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.