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EN13813

Flowfast Asphalt Primer

Product sheet

Product description

A 2-component low viscosity methyl methacrylate (MMA) based primer for filled asphalt and bitumen substrates. Flowfast Asphalt 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 asphalt/bitumen screeds, prior to overcoating with Flowfast resin toppings.

Environment & Health

Flowfast Asphalt 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 Asphalt 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. 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 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

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 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:-

Unit	Flowfast Asphalt Primer
50 kg	(50 litres)
180 kg	(180 litres)

Note: This material is supplied in blue tins.

CE Mark

Flowfast Asphalt 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.

2014.09, 12 UK

Flowcrete UK Ltd
The Flooring Technology Centre Booth Lane
Sandbach Cheshire CW11 3QF UK.
Tel: +44 (0) 1270 753000 Fax: +44 (0) 1270 753333
Email: uk@flowcrete.com
Flowcrete UK Ltd is an RPM company

DECLARATION OF PERFORMANCE

according Annex III of the Regulation (EU) No 305/2011

Name of the product: **Flowfast Asphalt Primer**

Declaration number: **UK-00021**

1. Unique identification code of the product-type:

   EN 13813: SR-B2.0

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

   batch number: see packaging of the product

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

   EN 13813
   Synthetic resin screed material for use internally in buildings

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

   Flowcrete UK Ltd.,
   The Flooring Technology Centre, Booth Lane, Sandbach, Cheshire, CW11 3QF, UK.

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

   not relevant

6. System or systems of assessment & verification of constancy of performance of the construction product as set out in Annex V:

   System 4 (for internal uses)

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

   not relevant

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

   not relevant

9. Declared performance

CE

Flowcrete UK Ltd,
The Flooring Technology Centre, Booth Lane, Sandbach, Cheshire. CW11 3QF UK

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EN 13813 SR-B2.0

Synthetic resin screed material for use internally in buildings (non wearing surfaces)

Essential characteristic	Performance *	Harmonised technical specification
Release of corrosive substances	SR	EN 13813:2002
Wear resistance	NPD	
Impact resistance	NPD	
Bond strength	B2.0	
Reaction to fire	B_{FL} - s1	
Water permeability	NPD	

* Tested as part of a system build up: Flowfast Terrosso.

European Standard EN 13813 (Screed material and floor screeds - Screed materials - Properties and requirements). This standard specifies the requirements for screed materials for use in floor construction internally. Various flooring products are covered by this standard, including cementitious, calcium sulfate and synthetic resins (note - products that contribute to the load bearing capacity of the structure are excluded from this standard).

The clauses of this European standard in Annex ZA meet the requirements of the Mandate given under the Construction Product Directive (89/106/EC).

This declaration is in accordance with the requirements set out in Table ZA.1.5 – Relevant clauses for synthetic resin screed material. Attestation of conformity systems (as defined in Table ZA.2) is in accordance with the requirements set out in Table ZA.3.3 – Assignment of evaluation of conformity for floor screed material under system 4 (i.e. factory production control and initial type testing by self certification).

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Nick Hyde
UK Technical Director

24th December 2013
United Kingdom
(place and date of issue)

.....
(signature)

2013.12. 02 UK

Flowcrete UK Ltd
The Flooring Technology Centre Booth Lane
Sandbach Cheshire CW11 3QF UK.
Tel: +44 (0) 1270 753000 Fax: +44 (0) 1270 753333
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