



Flowfast 307

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).

Uses

Flowfast 307 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 307 followed by a second coat of Flowfast 301, which provides a harder surface.

A permanent water loading can result in a white discolouration of the Flowfast 307 sealer. 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 307 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 307)

@ 30°C add 1.0% Flowfast Catalyst 1 cm³ Flowfast Catalyst = 0.64 g

@ 20°C add 1.5% Flowfast Catalyst

@ 10 to 0°C add 3.0% Flowfast Catalyst 1g Flowfast Catalyst = 1.57 cm³

@ 0 to -10°C mix 0.5% Flowfast 404 by weight into the resin **before** adding 3.0% Flowfast Catalyst

(Mix at ambient conditions and then take to the application area)

Flowcrete SA (Pty) Ltd (2003/029560/07)

176 Voortrekker Street Jacobs Durban 4052

Tel: +27 31 461 3411 Fax: +27 31 461 3475

47 Forge Road Spartan Kempton Park Johannesburg 1619

Tel: +27 11 394 1980 Fax: +27 11 394 3003

Unit 5 55 Manhattan Street Boquinar Industrial Area Matroosfontein Cape Town 7490

Tel: +27 21 385 0653 Fax: 0865 83 8358

Email: southafrica@flowcrete.com



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 (0.3 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.

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

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.

Flowcrete SA (Pty) Ltd (2003/029560/07)
176 Voortrekker Street Jacobs Durban 4052
Tel: +27 31 461 3411 Fax: +27 31 461 3475
47 Forge Road Spartan Kempton Park Johannesburg 1619
Tel: +27 11 394 1980 Fax: +27 11 394 3003
Unit 5 55 Manhattan Street Boquinar Industrial Area Matroosfontein Cape Town 7490
Tel: +27 21 385 0653 Fax: 0865 83 8358
Email: southafrica@flowcrete.com



Storage temperature between 5°C and 40°C (out of direct sunlight).
Flash point + 11.5°C.
Packaging

The product is delivered in the following packs.

Unit

50 kg (50 litres)

180 kg (180 litres)

Any recommendation or suggestion relating to the use of the products made by Flowcrete SA (Pty) Ltd., whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.