

Ryeprime Rapid

Description

A 2-component low viscosity methyl methacrylate (MMA) based primer for concrete and cementitious substrates. Ryeprime Rapid will bond to surface dry substrates that have a Relative Humidity up to 85% (to BS8204).

Typical Uses

For general priming of concrete, screeds and wood, prior to over coating with rapid or resin toppings.

Environment & Health

Ryeprime Rapid 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 Ryeprime Rapid)

@30°C	Add 1% Rapid Catalyst 1cm ³ Rapid Catalyst = 0.64g
@20°C	Add 2% Rapid Catalyst
@10°C	Add 4% Rapid Catalyst 1g Rapid Catalyst = 1.57cm ³
@0 to -10°C	Add 6% Rapid 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 time/pot life

Ready-mixed product should be used within 15 minutes at a temperature of 20°C. At high temperatures the application time is shorter.

Application Temperature

The recommended substrate temperature of 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.

Colour

Transparent

Cure Time @ 20°C

This product is fully hardened after 30 minutes.

Solids Content

Approx. 100%

Finish

Eggshell

Density

Approx. 1.0kg/litre

Storage

6 months in unopened pack.

Storage temperature between 5°C and 40°C (out of direct sunlight).

Flash point + 11.5°C.

Further Technical Advice

For further information on this or any other Ryebrook product, please contact our Technical Department on 01634 957520 or email info@ryebrook.co.uk