

Isocrete Primer

Product sheet

Product description

Isocrete Primer is an acrylic emulsion.

Uses

Isocrete Primer is used as a primer for Isocrete self levelling screeds (Isocrete 1500, 4000, 5000, Self-Level Plus, Self Level Base and Renovation).

Environment & Health

Isocrete Primer is a solvent free product, practically odourless during application. Isocrete Primer is not classified as hazardous to health or the environment. 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 datasheet.

Ratio of components

Isocrete Primer is a single component product.

Application temperature

The recommended substrate temperature is 10-25°C, but no less than 5°C. The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 5°C in the 24 hrs after application.

Dilution and coverage rate

Isocrete Primer is diluted with clean water before application. The dilution, coverage rate and number of coats vary depending on the substrate as shown in the table below.

| Substrate | Number of coats | Dilution (primer : water) | Coverage per coat (of undiluted product) |
|---|----------------------|------------------------------|---|
| Dense concrete or screed | 1 | 1 : 5 | 0.06 kg/m ² |
| Porous concrete or screed | 2 | 1 : 5 | 0.06 kg/m ² |
| New Isocrete self leveller | 1 st coat | 1 : 5 | 0.06 kg/m ² |
| | 2 nd coat | 1 : 3 | 0.1 kg/m ² |
| Old Isocrete self leveller | 2 | 1 : 5 | 0.06 kg/m ² |
| Impermeable base, e.g. tiles, terrazzo | 1 | 1 : 3 | 0.1 kg/m ² |

Application

Apply diluted Isocrete Primer with a roller in a thin film. Avoid ponding. Allow to dry fully to a hard glazed surface.

Drying time (20°C)

Approximately 3 hours.

Low relative humidity, max 70%, and good ventilation are prerequisites to achieve the above drying time.

Storage

12 months in an unopened pack at a temperature of 5-40°C. Protect from frost.

Protect from weather and moisture/contaminant ingress.

Packaging

The product is supplied in the following packs:

Unit

5 kg (5 litres)

25 kg (25 litres)

1000 kg (1000 litres)

Physical Properties

Relative density 1.00 – 1.05

pH 8 – 9

Solids content 46 – 50 %

Minimum film forming temperature 3°C

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.

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