

Isocrete Primer

Description

An acrylic emulsion based primer for Isocrete cement based self levelling screeds.

Uses

For priming concrete and screed subfloors and impermeable surfaces (tiles and terrazzo) prior to application of Isocrete self levelling screed products.

(For priming of calcium sulfate screeds see separate data sheet for Isocrete Isoseal water-based epoxy primer).

Benefits

- Quick and easy to apply
- Improves adhesion to the substrate
- Reduces surface absorbency, prolonging workability of the Isocrete screed
- Seals the substrate, preventing air bubbles migrating to the surface of the Isocrete screed
- Low film forming temperature

Model Specifications

Product: Isocrete Primer

Preparatory work and application in accordance with manufacturer's instructions.

Manufacturer: Flowcrete UK Ltd

Telephone: Customer Service +44 (0)1270 753000

Isocrete Primer, diluted with the required amount of clean water, to be applied to a suitable sound shotblasted or scabbled and vacuum cleaned insitu concrete base in accordance with the manufacturers instructions.

Products Included in this System

Primer: Isocrete Primer

Coverage and dilution by substrate:

Substrate	Dilution	Coverage
Normal concrete or screed	1 : 5	0.06 kg/m ²
Porous concrete or screed	1 : 5	0.06 kg/m ²
	1 : 3	0.05 kg/m ²
Isocrete self leveller	1 : 5	0.06 kg/m ²
e.g. Isocrete Self Level Base, Isocrete 4000, Isocrete 5000	1 : 3	0.05 kg/m ²
Impermeable base	1 : 3	0.05 kg/m ²
e.g. tiles, terrazzo		

Detailed application instructions are available upon request.

Installation Service

The installation can be performed by any competent contractor. Obtain details of our approved contractors by contacting our customer service team or enquiring via our web site www.flowcrete.co.uk

Substrate Requirements

Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS 8204 and free from rising damp and ground water pressure. If above 75% RH, or no damp proof membrane is present, Hydraseal DPM can be used in place of the Isocrete Primer, enabling the immediate installation of floor finishes once the screed has dried. Refer to relevant data sheets.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Colour	White liquid emulsion
Relative density	1.0
pH	8 - 9
Solids content	46 - 50%
Minimum film forming temperature	3°C

Speed of Cure

The floor and air temperature should be above 5°C to provide the necessary application and drying conditions.

Drying time, approx. 3 hours at 20°C.

Drying times are dependent on prevailing ambient conditions and substrate condition. Typically the primer is allowed to dry overnight.

Important Notes

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

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