

InsuFloor E 4001

Low viscosity, solvent free epoxy primer and general binder resin.

DESCRIPTION

InsuFloor E 4001 is a two component epoxy - low viscosity Primer for InsuFloor systems and a Binder resin for General mortars

USES

- Primer for concrete surfaces with InsuFloor resin systems.
- Binder resin for Epoxy mortar Subfill mortar screeds.
- Binder for epoxy Coving mixes.
- Flow and scratch coat layering prior to InsuFloor systems.

ADVANTAGES

- Low viscosity
- Excellent substrate penetration
- Excellent binder for mortars
- Fast to cure
- Economical

PRODUCT INFORMATION

Packaging	Available in 3 kg or 10 Kg / Unit (Parts A+B)
Appearance / Colour	Yellowish transparent
Density	1.1kg / liter
Tensile Adhesion Strength	to concrete: approx. 3 N/mm ² (concrete failure).
Mixing Ratio	Part A: Part B = 2 :1 (by Mass and Volume)
Consumption	One primer coat: 0.2 - 0.3 kg/m ² , depending on substrate condition.
Pot Life	25 Degrees C - 30 mins.
Compressive Strength	> 40 MPa
Tensile Strength in Flexure	22 MPa
Tensile Adhesion Strength	To concrete: approx 3 N/mm ² (concrete failure). To steel (sandblasted): approx 12 N/mm ² .
Ambient Air Temperature	Application range recommended +5 to +30 Degrees C
Pot Life	10 Degrees C - 30 mins. 20 Degrees C - 20 mins.
Waiting Time / Overcoating	10 degrees C 15 hours 20 degrees C 8 hours

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APPLICATION INSTRUCTIONS

MIXING

- Pre-dose Comp. (A) into clean vessel. Add Comp. (B) in correct proportion and mix mechanically for at least 3 mins. After mixing, allow material to stand for 2 mins. to allow entrained air to escape. Mix only as much material as can be used within pot life.

APPLICATION

- Pour properly prepared material onto substrate and evenly distribute using roller or brush.

STORAGE

- Store out of direct sunlight, clear of the ground, on pallets protected from rainfall. Avoid excessive compaction and protect from extremes of temperatures. In tropical climates, the product must be stored in an air-conditioned environment.
- Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.
- For specific storage and disposal advice, consult Insumat's Technical Services Department.

SHELF LIFE

- Up to 12 months if stored in unopened containers according to manufacturer's instructions.

NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information, contact Insumat's representative.
- Insumat reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY STATEMENT

- All products manufactured by Insumat Egypt, are manufactured to procedures certified to conform to the quality, environment, health & safety management systems described in the ISO 9001:2015, standard.

* Properties listed are based on laboratory controlled tests.

* Actual measured data may vary due to circumstances beyond Insumat's control.

Manufacturing Insulating Materials and Products Company