



# IF 2 E

## Solvent Based Epoxy Primer

Pack Size  
15Kgs

## TDS Technical Data Sheet



### Product Overview

IF 2 E is a two-component solvent-based epoxy primer designed for use on dry concrete and dry sand cement screed surfaces with CLI self-leveling epoxy screed.

### Key Features

- Two-component solvent-based epoxy primer.
- Ideal for use on dry concrete and dry sand cement screed surfaces.
- Enhances bonding efficiency on very porous surfaces with multiple coats.
- Suitable for internal applications.

### Recommended Uses

Designed for internal use where surfaces are dry and porous. Applicable on new concrete or where the relative humidity (RH) of the substrate is in excess of 75%. Use CLI DPM Surface Damp Proof Membrane in high RH conditions.

### Application Guidelines

#### Surface Preparation

The concrete or screed substrate must be hard, sound, and free of dust and other barrier materials such as paint, lime coatings, plaster, curing agents, laitance, and adhesive residues. Use a suitable degreaser to remove polish, wax, grease, oil, and similar contaminants prior to mechanical preparation. Mechanically prepare contaminated concrete surfaces by scabbling, grinding, or shot blasting, followed by vacuuming. Ensure any joints or cracks in the concrete base where differential movement is anticipated are brought through to the finished surface and suitably sealed. New concrete slabs must cure for at least 14 days.

#### Mixing

Thoroughly stir the individual contents of IF 2 E before mixing. Pour the entire contents of PART B into PART A and mix thoroughly for at least 3 minutes using a heavy-duty slow-speed drill and spiral paddle. Reintroduce some mixed components back into the hardener container to activate any residue, then pour back into the larger mixing vessel and re-mix for 30 seconds.

#### Application

Once mixed, spread the material over the floor promptly to avoid reduced working time due to self-heating. Apply using a brush or short/medium pile roller. Multiple coats may be needed to ensure a uniform coating and to compensate for surface porosity differences. Carry through all movement joints in the sub-floor to the topping and properly seal them. Overlay construction joints and cracks not subject to movement, but expect these defects to reflect through the system if the floor moves.

#### Cleaning

Remove IF 2 E from tools and equipment using AC-Thinner immediately after use. Hardened material will need to be removed

mechanically.

## Technical Specifications:

Working Time:	2 hours
Walkability:	24 hours
Overcoating:	After 24 hours
Bond Strength:	>2.0 N/mm <sup>2</sup> after 7 days
Curing Time:	24 hours at 27 ± 1°C

## Coverage Estimates

Approximately 24 m<sup>2</sup> per coat (Note: Practical coverage figures may be reduced due to wastages and the variety and nature of substrates.)

## Packaging and Storage

**Storage Conditions:** Store in a dry place between 5°C and 30°C.

**Shelf Life:** 12 months if stored in original unopened containers. Protect from frost, direct sunlight, and sources of heat.

## Pack Size

15Kgs



## Data Reliability

All technical data provided in this document are based on laboratory tests. Actual performance may vary due to factors beyond our control.

## Regional Compliance

Product specifications may vary based on local regulations. Please refer to the local Product Data Sheet for precise information.

## Legal Disclaimer

The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.