

INNO-THERM FOX THERM-ALL COATPRIM FT 110

Acrylic Polymer Dispersion Based, Concrete and Plastered Substrate Primer

Description

FOX THERM-ALL COATPRIM FT 110 based on acrylic polymer dispersion, is a primer material developed to provide adherence of **FOX THERM-ALL COAT FT 220 Straight** and **FOX THERM-ALL COAT FT 220 Textured** to concrete and plastered surfaces.

Fields of Application

- Used for enhance the surface adherence of external façade coating materials such as **FOX THERM-ALL COAT FT 220 Straight** and **FOX THERM-ALL COAT FT 220 Textured**.

Advantages

- Penetrates perfectly in the substrate.
- Penetrates deeply.
- Creates excellent adhesion surface.
- High Performance.
- Water vapor permeable.
- Can be applied on dump surfaces.
- Solvent free.

Technical Features

Structure of the material	Acrylic Polymer Dispersion
Density	1,65 kg/lit
Color	Transparent
Consistency	Liquid
Solid by Volume	± 70
Application Surface Temperature	+5°C / +25°C
Service Temperature	+5°C / +30°C
Cures in	4 Hours



The values above are given for +23°C and 50% relative humidity. While higher temperatures shorten the period, lower temperatures extend it.

Application Procedure

Preparation of the Substrate

Care must be taken to ensure that the application surface is sound, carrier, dust free and clean. There should be no loose particles on the surface and all kinds of oil, grease, rust and paraffin residues which weaken the adherence should be removed.

Mixing

FOX THERM-ALL COAT PRIM FT 110 is ready-to-use, can be lightly mixed before use.

Dilution

Into the **FOX THERM-ALL COAT PRIM FT 110**, %10 water can be added.

Application

For maximum efficiency the surface is pre-moisturized. **FOX THERM-ALL COATPRIM FT 110** is applied by roller. A brush is recommended for dying corners and edges. Absorbent surfaces should be applied in 2 coats. Before the second coat application, drying of the first coat must be awaited.

Drying Times

The drying time is directly related to air circulation, temperature, film thickness and number of coats applied. The figures given in the table are given according to the following conditions:

1. The information given is based on the case of repainting with the same type of paint,
2. In multi-layer applications, the drying time is affected by the number of previous layers and the total thickness,
3. The surface must be dry and free from all kinds of kernels before the next coat is applied.

Relative Humidity (RH)	50 %	50 %	50 %
Surface Temperature	10°C	23°C	40°C
Surface Drying Time	6 hours	4 hours	2 hours
Hard Drying	10 hours	6 hours	4 hours
Application on top	6 hours	4 hours	2 hours

Cleaning of the Tools

Tools and equipment used should be cleaned with water after the application. **FOX THERM-ALL COATPRIM FT 110** can only be mechanically cleaned after hardening.

Consumption

It is recommended to apply 100-200 gr/m² in 2 coats depending on the surface absorbency.

Watch Points

- In application of **FOX THERM-ALL COATPRIM FT 110**, suitable temperatures should be expected if the ambient and surface temperature is below + 5 ° C or above + 25 ° C.
- In outdoor applications, the first 24 hours must be protected from sun, rain, wind and freezing.
- Cement based repair mortars are affected by working and reaction times, air temperature, humidity and floor temperatures.
- High temperatures accelerate hydration and the working time is shortened accordingly. Low temperatures slow down hydration and thus extend the working time. For the material to be completed, the floor temperature and ambient temperature to be applied must not fall below the minimum permissible temperature.

Package

10 kg plastic bucket

Shelf Life

Shelf life is 12 months from the date of production when stored properly at +5 oC to +30 oC at room temperature, away from direct sunlight.

Storage

The product should be stored in its original package, in a cool and dry place protected from frost. For short term storage, maximum 3 palettes should be placed on top of each other and the shipment should be made on a 'first come, first go' basis. Palettes should not be placed on top of each other during long term storage.

Health and Safety Precautions

It is dangerous to approach the application sites with fire. Fresh air should be circulated in the storage and the application sites. During the application, a protective apparel, protective gloves, goggles and masks which comply with the Occupational Health and Safety Rules should be used. Due to the irritation effect of the uncured materials, the mixture should not come into contact with skin and eyes; in case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children.

For detailed information please consult the Material Safety Data Sheet.

Disclaimer

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