

INNO-THERM FOX THERM-ALL® PRO FT387

Exterior Wall Board Plaster

Description

FOX THERM-ALL® PRO FT387, is a cement-based, polymer and inorganic additive, fiber reinforced, elastic, general purpose ready-to-use plaster material that can be applied directly on boards developed especially for exterior facades..

EN 998-1:2016/GP, CSIV, W_c1, A1.

Fields of Application

- It is used as surface plaster on exterior facade boards and thermal insulation boards in all buildings.
- It is used for coating concrete, prefabricated reinforced concrete elements, cement-containing particle board and old plastered surfaces.

Advantages

- Provides excellent adhesion.
- Developed for exterior facades, it provides excellent adherence to exterior facade boards reinforced with fibers.
- It has a flexible structure.
- Prevents the formation of superficial cracks thanks to fiber reinforcement.
- Easy to prepare and apply.
- It has a long working time.
- Creates a surface ready for paint or mineral plaster application.
- Resistant against freezing - thawing cycle.

Technical Properties

Material Structure		Mineral fillers, synthetic additives and special polymers
Density		1,80±0,05 kg/lit
Color		Gray
Compression Strength	EN 1015-11	≥6 N/mm ² (CSIV)
Adhesion Force to Thermal Insulation Board	EN 13494	≥0,08 N/mm ²
Bond Strength	EN 1015-12	≥0,5 N/mm ² (FP:B)
Capillary Water Absorption	EN 1015-18	≤0,4 kg/m ² .min ^{0,5} (W _c 1)
Water Vapor Permeability	EN 1015-19	≤20 μ
Thermal Conductivity	EN 1745	≤0,45 w/mk
Fire Reaction	EN 13501-1	A1
Application Thickness		Min. 3mm - Max. 5mm
Floor Temperature		+5°C /+30°C
Air Content	EN 1015-7	%5,5
Fixing Period	EN 1015-9	15-20 min.
Full Curing Time	+20°C	28 days
Usage Time		~45 min
Maturation Time		3-5 min

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures lengthen the time.

Application Procedure

Substrate Preparation

The surface of the thermal insulation board to be applied must be free of dust and dirt. In addition, the mechanical doweling process must be completed.

Mixing

The appropriate amount of water specified on the package is poured into a clean mixing bowl. While **FOX THERM-ALL® PRO FT387** is slowly added into the water, it is mixed with an electric mixer with 400-600 rpm for about 2-3 minutes until it becomes homogeneous. Care should be taken to ensure that there are no lumps in the mixture. After the material is rested for 3-5 minutes during the maturation period, it is mixed again for 1 minute and made ready for application.

Mixing Ratios

Approximately 6,00±0,25 liters of water should be used for 25 kg / 1 bag **FOX THERM-ALL® PRO FT387**

Approximately 240±10 ml of water should be used for 1 kg **FOX THERM-ALL® PRO FT387**



Application

Check the smoothness and soundness of the application surface. It is applied together with Alkaline resistant joint tape at the joints of dry wall boards. At least 1 day after the joint process is completed, the surface can be plastered. After a layer of plaster is applied on the thermal insulation boards, dry wall boards, the plaster mesh is properly embedded into the 1st layer of plaster. After the 1st layer dries, the plastering process is completed by applying the 2nd layer of plaster. Application thickness can be 3-5 mm according to preference. If more than 3 weeks will remain without painting, **FOX THERM-ALL® COATPRIM FT110/FOX DECODUR PRIMER** should be applied immediately with primer. The priming process will ensure that the plaster will remain for a long time without cracking and a healthy under-paint preparation will be made. **FOX THERM-ALL® COATPRIM FT110/FOX DECODUR PRIMER** primer should be applied again before paint application.

Cleaning of Tools

Tools and equipment used after application should be cleaned with water. **FOX THERM-ALL® PRO FT387** can only be mechanically cleaned from the surface after hardening.

Consumption

3,5-5,0 kg/m²

Watch Points

- In **FOX THERM-ALL® PRO FT387** application, if the ambient and surface temperature is below +5°C or above +30°C, suitable temperatures should be expected.
- In outdoor applications, it should be protected from sun, rain, wind and frost for the first 24 hours.
- Working and reaction times of cement based products are affected by air temperature, humidity and ground temperatures.
- High temperatures accelerate hydration and the working time shortens accordingly. Low temperatures slow down hydration and this increases the working time. In order for the material to complete its curing, the floor temperature and ambient temperature should not fall below the minimum permissible temperature.

Package

25 kg polyethylene reinforced kraft bag

Shelf Life

When stored properly at room temperature, away from direct sunlight, between +5°C and +30°C, the shelf life is 12 months from the date of production. Opened packages should be closed and consumed within 1 week.

Storage

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. For short-term storage, maximum 3 pallets should be stacked on top of each other and shipment should be made on a first-in, first-out system. For long term storage, pallets should not be stacked on top of each other.

Safety Precautions

It is dangerous to approach the storage and application areas with fire. Storage and application areas should be ventilated. During the application, work clothes, protective gloves, goggles, masks in accordance with the occupational health and safety rules should be used. During storage and application, it should not be contacted with the skin and eyes, should be washed immediately with plenty of water and soap, and if swallowed, seek medical attention immediately. Food and drink materials should not be brought to the application areas. It should be stored out of the reach of children.

For detailed information, please refer to the Material Safety Data Sheet.

Disclaimer

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