

INNO-FEES FOX PROHAND® INCE

Ready to Use, Thin Hand Plaster

Description

FOX PROHAND® INCE, cement-based, ready-to-use thin hand plaster.

Fields of Application

- It is used for plastering on brick, briquette walls, pumice blocks, concrete, gross concrete, aerated concrete and ceiling surfaces in interior and exterior spaces.

Advantages

- Easy and fast application,
- One layer application of coarse and fine plaster together,
- Cost advantage and ease of control,
- Thanks to its homogeneous structure, it provides high adherence and strength to every point of the surface,
- Provides a smooth surface for final coat coating.

Technical Properties

Structure of Material	Mineral fillers, polymer reinforced special cement
Density	2±0,05kg/lt
Color	Grey
Compressive Strength	≥21,4 N/mm ² (CS IV)
Flexural Strength	≥4,6 N/mm ²
Bond Strength	>2,2 N/mm ²
Capillary Water Absorption For Rough (Exterior) Plasters	≤0,20 kg/m ² .min ^{0,5} (W2)
Upper Humidity Limit	11,91 μ
Thermal Conductivity	≤1,11 w/mk (T1)
Adhesion Strength	0,2 N/mm ²
Response to Fire	A1
Elasticity Modulus	20 KN/mm ²
Application Thickness	Min. 3 mm - Max. 10 mm (for each layer)
Application Surface Temperature	+5°C /+30°C
Full Curing Time	+20°C 28 days

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



Application Procedure

Surface Preparation

The surfaces to be plastered should be cleaned from mold oil, loose particles, dust and conditions that will negatively affect the adherence of the plaster, and the cracks and holes on the surface should be repaired with suitable **INNO-CRETE** series repair mortars. In hot weather conditions, surfaces must be moistened with water. On aerated concrete walls, spray plaster should be applied with **FOX MORTAR FC188 T** repair mortar 72 hours before plaster application. On glossy exposed concrete surfaces, concrete ceilings and walls, **FOX CONTACT PRIMER® FL101** primer should be applied with a coral roller before application. Plaster application should be started after 24 hours.

Mixing

The appropriate amount of water specified on the packaging is poured into a clean mixing bowl. While **FOX PROHAND® INCE** is slowly added into the water, it is mixed with a 400-600 speed electric mixer for approximately 3-4 minutes until it becomes homogeneous. There should be no lumps left in the material. After the material is left to rest for 30 seconds, it is mixed again for 1 minute to make it ready for application.

Mixing Ratios

Approximately 8,00±0,40 lt of water should be used for 40 kg/1trb **FOX PROHAND® INCE**.

Approximately 200±10 ml of water should be used for 1 kg of **FOX PROHAND® INCE**.

Approximately 5,00±0,25 lt of water should be used for 25 kg/1trb **FOX PROHAND® INCE**.

Approximately 200±10 ml of water should be used for 1 kg of **FOX PROHAND® INCE**.



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Application

Application is made with the help of a plaster trowel to ensure a thickness of 3-10 mm in a single layer. After this process, when the plaster hardens sufficiently, the plaster surface is smoothed and the surface is finished with a damp sponge.

Cleaning of Tools

After application, the tools and equipment used should be cleaned with water. After **FOX PROHAND® INCE** hardens, it can only be cleaned from the surface mechanically.

Consumption

To obtain 1 mm thickness, approximately 1,90-2,00 kg/m² of powder product should be used.

Watch Points

It is recommended to apply plaster at temperatures between +5°C and +35°C. It should be protected against rapid drying in windy weather. In order to ensure the durability of the product, the surface should be watered at regular intervals within 7 days after application. No lime, cement or plaster should be added into the product. In applications to be made in hot weather, 2 coats of application are recommended to prevent the risk of cracking that may occur due to rapid drying. It is recommended to use plaster mesh at column, beam and wall connections.

Package

25 kg Polyethylene reinforced kraft bag
40 kg Polyethylene reinforced kraft bag

Shelf Life

When stored correctly at room temperature, between +5°C and +30°C, away from direct sunlight, 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, a maximum of 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 storage and application areas with fire. Storage and application areas should be ventilated. During application, work clothes, protective gloves, glasses and masks in accordance with occupational and worker health rules should be used. It should not be contacted with skin or eyes during storage and application. In case of contact, it should be washed immediately with plenty of water and soap. If swallowed, a doctor should be consulted immediately. Food and beverage materials should not be brought into application areas. It should be stored in places inaccessible to children.

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

Disclaimer

The data contained in this technical document is based on our scientific and practical knowledge. SARTECH Yapı Malz. San. ve Tic. Ltd. Şti. is only responsible for the quality of the product. Our company cannot be held responsible for the consequences that may occur due to incorrect use and/or other than written recommendations regarding where and how to use the product. For detailed information, you should refer to the safety data sheet and technical data form or contact our company officials.

