

INNO-FIX FOX GAS CONCRETE ADHESIVE

Cement Based Gas Concrete Adhesive

Description

FOX GAZ BETON YAPIŞTIRICISI, is a cement-based, ready to use, polymer reinforced, gas concrete adhesive material that is adhesion strength increased and high water absorbency.

Ministry of Public Works and Settlement Item No: 04.478

Field of Application

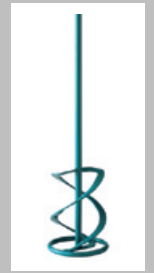
- Indoors and outdoors,
- Horizontal and vertical applications,
- Houses, shopping stores, hospitals,
- Used for bonding building elements such as gas concrete, briquette, brick.

Advantages

- Partially resistant to water, moisture and frost.
- Easily prepared and applied.
- Has an ideal application time.
- Has high adhesion strength.
- Saves time and labor.
- Economical.

Technical Data

Structure of Material		Special Cement, Mineral Filler, Polymer Additive
Density		1,80 kg/lit
Color		Gray
Bond Strength	28 days	$\geq 0,5$ N/mm ²
Application Surface Temperature		+5°C / +35°C
Compression Strength		≥ 10 N/mm ² (M10)
Initial Curing Time		5-10 minutes
Working Time		1 hour
Wettability		Min. %90
Fire Reaction Class		A1



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

Application Procedure

Preparation of the Substrate

For cement based surfaces, the surfaces to be applied must be sound and free from dust and dirt of any kind and must be in balance. Areas requiring repairs should be repaired with **INNO-CRETE** series repair mortars at least 1 day before. If the surface temperature is above +20°C, the surface should be slightly moistened.

Mixing

The appropriate amount of water described on the package is poured into a clean mixing container **FOX GAS CONCRETE ADHESIVE** bag is opened and added slowly into the water. It is mixed for about 3-4 minutes until it is homogenous with 400 - 600 rpm mixing drill. There should be no lumps in the material. After the material is rested for about 3 minutes, it is mixed again for 1 minute and made ready for application.

Mixing Rates

Approximately 6,50±0,25 lt of water should be used for 25 kg/1 bag **FOX GAS CONCRETE ADHESIVE**.

Approximately 260±10 ml of water should be used for 1 kg **FOX GAS CONCRETE ADHESIVE**.



Application

The **FOX GAS CONCRETE ADHESIVE** layer is applied to the application surface with the flat side of the fleece with a thickness of 1 mm. **FOX GAS CONCRETE ADHESIVE** is pulled in one direction to obtain a uniform thickness with the gear side of the trowel to the gas concrete area which to be covered in 15-20 minutes open waiting time. Knitted gas concrete must be rammed from top and side and made suitable for rope and gauge. The amount of consumption given is theoretical and may vary depending on the application temperature, gas concrete size, structure of surface and labor. We recommend that making sample application for consumption control. After application, it should be protected against adverse weather conditions such as direct sunlight, strong wind, high air temperature ($\geq +35^{\circ}$), rain and frost. Hands and application tools should be cleaned with water and detergent before the product hardens.

Applicability Test

Open waiting time should be checked for ceramic applicability test on the adhesive. The finger is pressed on the adhesive on the applied surface. If the adhesive spreads on the finger, the application of adhering the ceramics and tiles is continued. If the adhesive does not spread on the finger, the application time of the adhesive has passed. In this case, the adhesive should be scraped off the surface and new adhesive should be applied.

Cleaning of the Tools

Tools and equipment used after the application should be cleaned with water. **FOX GAS CONCRETE ADHESIVE** can only be mechanically cleaned from the surface after hardening.

Coverage

Coverage varies on between 3,5 - 7 kg/m² according to the tooth thickness of the ceramic comb to be used.

Watch Points

- In **FOX GAS CONCRETE ADHESIVE** application, if the ambient and surface temperature is below +5°C or above +35°C, suitable temperatures should be expected. It should not be applied in extremely hot, rainy and very windy weather.
- In outdoor applications, the application area should be protected from sun, rain, wind and frost for the first 24 hours.
- Working and reaction times of ceramic adhesive mortars are affected by 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. In order for the material to complete its curing, the floor temperature and ambient temperature to be applied must not fall below the minimum allowed value.

Package

25 kg polythene craft bag

Shelf Life

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

Storage

Should be stored in its original package, in a cool and dry place protected from frost. In short-term storage, maximum 3 pallets should be placed on top of each other and shipment should be made with the first-in, first-out system. In long-term storage, pallets should not be placed 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, the material should not be contacted with the skin and eyes, if contacted, should be washed immediately with plenty of water and soap, and if swallowed, should be sought medical attention immediately. Foods and drinks should not be taken into the application areas. The material should be stored out of the reach of children.

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



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