

INNO-FLOOR FOX EPOTHANE® ACC

Accelerator for Epoxy-Based Products

Description

FOX EPOTHANE® ACC is a material that accelerates the chemical reaction and curing time of epoxy-based products.

Fields of Application

- **FOX EPOTHANE® PRIMER** series,
- **FOX EPOTHANE® BASECOAT** series,
- **FOX EPOTHANE® TOPCOAT EU**,
- **FOX EPOTHANE® COLORTOP**,
- **FOX EPOXYFUGA FX142** products.

Advantages

- Easy to use.
- Reduces drying time significantly.

Technical Properties

Density	0,98±0,05 gr/cm ³
Color	Light yellow

Usage Rate

A+B component should be used up to a maximum of 5% by weight. The usage rate should be adjusted according to temperature, humidity, and material quantity.

Application Table

FOX EPOTHANE® PRIMER Shore D Hardnesses		
	Without using EPOTHANE® ACC	+%5 EPOTHANE® ACC
	Shore D	Shore D
2 hours	-	75
6 hours	-	82
8 hours	30	85

FOX EPOTHANE® BASECOAT Shore D Hardnesses		
	Without using EPOTHANE® ACC	+%5 EPOTHANE® ACC
	Shore D	Shore D
2 hours	-	55
6 hours	-	82
8 hours	-	85

The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures extend the time.
For usage quantities of products not listed in the above table, please contact our technical department.

Application Procedure

Watch Points

Surface Temperature ; Minimum +10°C-Maximum +30°C
Ambient Temperature ; Minimum +10°C-Maximum +30°C
Material Temperature ; Minimum +10°C-Maximum +30°C

Mixing

First, mix the epoxy-based material you want to accelerate the curing time according to the information written in the technical documentation. Then add up to 5% of **FOX EPOTHANE® ACC** to the mixed product. Mix the material until it is homogeneous and apply it quickly.

Package

1 kg/tin
20 kg/tin



Watch Points

- Concrete surfaces to be coated with epoxy/polyurethane must be at least 3 weeks old prior to application, a vapor barrier must be created on floors resting on soil, and the roof, walls, doors, and windows of the building must be completed, with the ambient and surface temperature between +10°C and +30°C.
- The materials to be used must be brought to the application site 1-2 days in advance and must be adapted to the environmental conditions.
- In cold weather applications, the ambient and floor temperatures must be increased, and the packaging must be kept at +20°C to +25°C to increase the workability of the products and make them ready for use.
- Rain, dust, wind, animals, and pests should be prevented from entering the building while the coating is fresh.
- In resin-based systems, the coating life and curing times are affected by ambient temperature, floor temperature, and humidity in the air. At low temperatures, curing slows down, which extends the coating life, the time it takes to apply the coating, and the working time.
- At high temperatures, curing accelerates, which shortens the coating life, the time it takes to apply the coating, and the working time. To ensure complete curing of the product, the ambient and substrate temperatures must not drop below the specified minimum temperature levels. After application, the coating must be protected from direct water contact for at least 24 hours. If water contact occurs, softening and blistering may occur on the coating, causing it to lose its properties. Therefore, the coating must be completely removed and reapplied.
- Mixing must be done using an electric mixer operating at 300-400 RPM and the specified epoxy/polyurethane resin mixing tip. If mixing is not done using the specified mixing tip, air will be drawn into the product, which will cause air bubbles to form on the coating after application.

Shelf Life

When stored correctly at room temperature, away from direct sunlight, between +5°C and +30°C, the shelf life is 12 months from the date of manufacture.

Storage

It should be stored in its unopened original packaging, in a cool and dry environment, protected from freezing. For short-term storage, no more than 3 pallets should be stacked on top of each other, and shipments should be made using the 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

The data contained in this technical document is based on our scientific and practical knowledge. Fox Bau Yapı Kimyasalları A.Ş. is only responsible for the quality of the product. Our company cannot be held responsible for the consequences that may occur due to misuse and/or other than the written suggestions about where and how the product will be used. For detailed information, the safety data sheet and technical data sheet should be consulted or our company officials should be contacted.

