

ENEBOND FX

Multi-purpose epoxy adhesive

DESCRIPTION

ENEBOND FX is a two component, solvent free, high strength, epoxy adhesive designed for repairing and bonding many commonly used building materials. **ENEBOND FX** is a waterproof adhesive, has excellent chemical resistance and thixotropic consistency making it suitable for horizontal, vertical or overhead applications, with high initial adhesion and excellent mechanical properties.

USAGES

- Bonding old to new concrete
- Elimination of cold joints resulting from casting stops
- As a primer for bonding cementitious repair materials (**PIOREP** range of products)
- Bonding of cementitious screeds to concrete substrates
- Bonding of stones, plastic, PVC, rubber and timber
- Used to bond crack injection packers, and strip membranes systems

ADVANTAGES

- Adhesive bond to concrete will always exceed the tensile strength of the host concrete
- Suitable for use on damp and dry concrete
- Non-flammable remains tacky for 48 days
- Resistant to hydrolysis, used externally and internally
- High mechanical properties
- Excellent bond to concrete, masonry, stonework, plaster and cement boards
- Solvent-free which allows it to be used to Polystyrene boards

TECHNICAL DATA

ENEBOND FX

Typical values

Mixed Appearance	Grey paste
Mixed Density	1.65
Mix Ratio	1-1
Pot Life @30°C	30 min
Compressive Strength	65 N/mm ²
Initial Hardness @30°C	8 hours
Hard Dry @30°C	24 hours
Full Cure @30°C	7 days

USAGE INSTRUCTIONS

1. Surface preparation

All surfaces shall be sound, clean and free from dust, oil & grease or any contaminants that may affect the bond between the product and substrate. Metal surfaces shall be free from rust & scale and other contaminants. Absorbent surfaces shall be saturated thoroughly.

2. Priming

Priming is not required unless the surface is highly absorbent, then it is recommended to use **PIOPRIME 38**.

ENEBOND FX

Coverage

ENEBOND FX

3 – 5 m²/1mm/8 kg

3. Mixing

Mix component A & B mechanically by 1:1 ratio until a homogenous consistency is achieved.

4. Application

Apply a thin layer of the mixed **ENEBOND FX** onto both elements to be fixed using a putty knife or spatula, and firmly press together to compact the adhesive.

Maneuver the elements to their final position within 10 minutes of application and remove excess material before it dries.

Skinned or dried **ENEBOND FX** must be removed and fresh material to be applied again to ensure a good bond.

5. Curing

Allow **ENEBOND FX** to cure fully for 4-7 days before exposing to full mechanical, chemical or environmental conditions.

6. Cleaning

Clean all tools and application equipment with a suitable thinner immediately after use. Hardener or cured material can be only removed mechanically or by hand tools.

STORAGE & SHELF LIFE

ENEBOND FX shall be stored in its sealed container under dry and shaded place in a temperature from 10°C - 35 °C, shelf life of the material is 12-months.

PACKAGING

ENEBOND FX is supplied in 8 kg set, component A & B.

HEALTH & SAFETY

Before applying **ENEBOND FX**, all safety protections should be worn during application, such as safety goggles and rubber gloves to avoid any harmful accidents.

If **ENEBOND FX** is splashed to skin, it must be removed, before it hardens, with resin removing cream follow by water and soap at once, and if to the eyes seek medical attention immediately.

TECHNICAL SERVICE

The technical service department of Arkaz is available to assist in the correct and best use of our products, these resources and advice are at your disposal entirely without obligation.

Please contact:
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