



INTERFLEX EPO-AD

TWO COMPONENT, EPOXY BASED EXPANSION BAND ADHESIVE

- Chemical, biological and mechanical resistance
- Excellent elasticity

DESCRIPTION

INTERFLEX EPO-AD is a two component, solvent free, epoxy based high adherence adhesive used to fix **INTERBAND** series construction joint tapes.

TYPICAL APPLICATIONS

- Internal and external applications,
- Vertical and horizontal applications,
- Fixing **INTERBAND** series joint tapes.

ADVANTAGES

- Non-shrinking.
- Antibacterial; prevents mold, fungus and bacteria formation.
- High bonding strength.
- Good mechanical and abrasion resistance.
- Good resistance against aggressive chemicals.
- Not affected by sudden temperature changes.
- Resistant to freeze/thaw cycle.

TECHNICAL PROPERTIES

Color: Dark Grey

Physical State: Paste

Density: 1.65 ± 0,05 g/cm³

Application Temperature: +10 °C to +35 °C

Pot Life: 20 min.

Crust Formation Time: 60 minutes

Initial Cure Duration: 24 hours

Available For Traffic in: 7 days

Service Temperature: -40 to +70 °C

Flexural Strength (EN 12190): > 15,0 N/mm² (28 days)

Cement Bonding Strength (EN 1542): ≥ 3,0 N/mm

The values above are valid for 23 °C and 50% relative humidity.

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DIRECTIONS FOR USE

SURFACE PREPARATION

- As it is with all epoxy applications, the quality of surface preparation will have a direct impact on the endurance and performance of the system.
- Application surface should be clean, and free from dirt, oil, paint, loose particles, mortar and plaster residues.

MIXING

- Packaging of Component A (3,75kg) and B (1,25 kg) is designed in accordance with the mix ratio. It is therefore required to mix Component A and Component B completely before application.
- Add Component B (hardener) slowly into Component A (resin), and mix using a low speed mixer for 3 - 4 minutes until a homogenous mixture is achieved.

APPLICATION

- With **INTERBAND** joint tapes, apply the mixture on both sides of expansion joint with an application thickness of 1.5 mm using a trowel or spatula to ensure homogenous spread.
- Embed the perforated section of the tape into **INTERFLEX EPO-AD** and coat the perforated section of the tape again with **INTERFLEX EPO-AD**.

CONSIDERATIONS

- Do not apply below +5 °C or above +30 °C.
- Never mix it manually or with a trowel.
- Should not be exposed to mechanical forces until fully cured.
- Pot life gets longer at low temperatures, and shorter at high temperatures.

CONSUMPTION

Approximately 1.5 kg/mt for **INTERBAND** applications.

PACKAGING

Component A: 3,75 kg container

Component B: 1,25 kg container

STORAGE AND SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions. Product storage conditions should be adhered to, and the products should not be stored in humid and damp warehouses.

HEALTH AND SAFETY

As with all chemicals, contact with skin, eyes or mouth should be avoided during usage or storage. If accidentally ingested seek immediate medical attention. In case of contact with the skin, wash with plenty of water. Reseal containers after use.

NOTE: Information contained herein is based on our current scientific and application information. INTERFIKS Yapı Kimyasalları A.Ş. is liable only for the quality of product, and shall not be liable for consequences of any inappropriate uses of the product. This technical document shall remain in effect until a newer version is printed, and hereby substitutes all previous versions hereof. (01/2015)