



ReArm Bond EBA

(Formerly known as MYK Bond EBA)

Epoxy Resin Based Concrete Bonding Agent

TECHNICAL DATA SHEET

Product Description

ReArm Bond EBA is a solvent free epoxy resin, which is supplied as a two-pack component in pre- weighed quantities for ready to mix and use condition.

Standards compliance: ASTM C881: Type II, Grade 2 Class C

Uses

- Bonding of wet cementitious materials to existing cementitious surfaces
- Ideal for roads, bridges, pavements, loading bays and factories, for bonded pr granolithic floor toppings.
- Can be used for critical areas, on Damp Surfaces
- Can be used for horizontal & vertical surfaces
- Used for vertical and horizontal surface where mortar and concrete can be supported by form work for jacketing

Features and Benefits

- High Bond Strength
- Extended pot life
- Exhibits high mechanical strength
- Positive adhesion – exceeds that of the tensile strength of the host concrete
- Slow cure allows time to erect steel reinforcement and formwork
- Solvent free

Application Methodology

Step no 1 : Surface Preparation:

The area's where ReArm Bond EBA has to be applied must be dust free and clean. Wire brushing or MYK Arment Range of cleaning agents should be used to remove all laitance. Some areas may have to be subjected to chipping. The areas where the surface is contaminated with oil or grease has to be removed with degreaser. The surface has to be cleaned with fresh water and all traces of water have to be removed

Step no 2 : Product Mixing:

Stir the Hardener and Resin individually with drill mixer of proper size. Then add the entire content of the hardener into Resin container stir the two components thoroughly using a low speed mixer (300-500 rpm) for about 2 to 3 Minutes until a uniform color of the mixture is obtained.

Step no 3: Product Application:

The mixed ReArm Bond EBA should be applied by brush properly and evenly over the well-prepared surface. The new concrete has to be placed within 6 to 8 Hrs. depending on the temperature.

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Technical Data

Working Life @ 25°C @ 30°C @ 35°C	160 mins 120 mins 80 mins
Max Overlay time @ 25°C @ 35°C @ 45°C	16 hrs 12 hrs 5 hrs
Min Overlay time	Overlay when tacky but not in wet condition
Full Cure	5 days @ 35°C 7 days @ 25°C
Compressive Strength (ASTM C109-99)	75 N/mm ² @28 days
Flexural Strength (ASTM C580-12)	50 N/mm ² @ 28 days
Tensile Strength (ASTM D638)	30 N/mm ² @ 28 days
Slant Shear Strength (ASTM C882-99)	29 N/mm ² @ 28 days
Pull off Adhesion (ASTM D4541-09)	>1.5 N/ mm ² (Concrete failure)
Water Absorption (ASTM D570)	0.05%

Design Criteria: ReArm Bond EBA is designed with an overlay time of 12 hours at 35°C and 5 hours at 45°C. making it more suitable for use where additional steel reinforcement and formwork has to be fitted or where temperatures are high. The minimum application temperature for ReArm Bond EBA is 5°C. Consult the local MYK Arment team for further information.

Consumption

ReArm Bond EBA covers an area of Approx. 2.6 Sq Mtrs per 1 kgs pack. This is theoretical coverage data. Actual coverage will be depending on the surface, wastages etc.

Packaging

ReArm Bond EBA is supplied in 1Kg, 3 KG & 6 Packs.

Storage and Shelf Life

12 Months when stored in cool dry place in unopened condition

Health & Safety

All tools and equipment have to be cleaned immediately with lot of water & Solvent. It should be applied with gloves. When comes in contact with eyes or skin, should be washed with clean water and medical advice taken.

Product Categories Available



Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. the user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. the proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.