ReArm TBA 2540

(Formerly known as MYK Bond TBA -2540)

Precast Segmental Epoxy Adhesive

TECHNICAL DATA SHEET

Product Description

ReArm TBA 2540 thixotropic epoxy bonding adhesive. It is a 2-pack solvent free epoxy resin system consisting of a off white thixotropic base and dark black thixotropic hardener in pre-weighed quantities for easy onsite mixing.

Uses

Bonding segmented concrete bridges to speed up Construction and provide a structural and water-resistant joint .Can be used for pointing Stone masonry joints to retain structural integrity.

Features and Benefits

- Excellent suitability
- Very good bond strength
- Fast cure

Application Methodology

Step no 1: Surface Preparation

Concrete should be mechanically sound and free from contamination, such as free water, mound, oil or grease, laitance and dust. Grit blasting is recommended. Sections to be bonded should be checked for good alignment. A 'dry run' before the first application of the adhesive is recommended to ensure correct timing.

Step no 2: Product Mixing

The base and hardener into a suitable container shall be emptied and mix with a special designed paddle and with slow speed heavy duty drill, ensuring the sides are scraped down. Mixing thoroughly approx. three to five minutes till uniform grey color mix will obtain.

Step no 3: Product Application

The mixed adhesive is applied to both surfaces to be bonded with a serrated trowel or other suitable The joint should be closed immediately, if this is not achieved the surface of the adhesive should be slightly scratched immediately prior to closing the joint to expose fresh adhesive. The joint must be closed within the open time of the adhesive. On site monitoring of the operation using lapped asbestos cement panels is recommended.

Cleaning of Application Equipment

Tools and equipment should be cleaned immediately after use with FloArm Clean PU.

Technical Data

Color	Base - White, Hardener - Black
Mixed	Concrete Grey
Mixing radio	Base: 2 parts by weight Hardener 1 part by weight
Mixed density	Approx. 1.80 gm/cc at 30°C
Recommended applicant temp	25°C - 40°C
Pot life (FIP 5.1)	20 minutes at 40°C
open lime (FIP 5.2)	60 minutes at 40°C

Mechanical properties:	
Squeezability at 15°C (FIP 5.4)	Meets the requirement
Compressive Strength at 25°C (FIP 5.6)	
24 hours	> 60N/mm2
7days	>75N/mm2
Tensile bending strength (FIP 5.14)	Concrete failure
Shear Strength (FIP 5.15)	12.5 N/mm2
Thixotropy Test at 40°C (FIP 5.3)	Meets the requirement

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Standards compliance

RaArm TBA 2540 meets the FIP 9/2,March -1978 recommended specifications in all respects

Estimating

Approximatly 3.6 kg/m2 @ 2 mm thickness

Packaging

6 kg composite pack (Base + hardener)

Storage and Shelf Life

12 months if stored between 10 - 20°C in unopened Containers under shaded area.

Health & Safety

Some people are sensitive to epoxy resin system and may develop dermatitis. Direct contact with eyes will cause irritation and may cause serious damage if left untreated. Any eye contamination should be washed thoroughly with water and immediate medical attention should be sought. Gloves, barrier creams and eye protection should always be used when handling ReArm TBA 2540 and FloArm Clean PU

If Contract with skin occurs, a resin removing cream should be used, followed by washing with soap and water. Solvent shall not be used.

Fire:

ReArm TBA 2540 base and hardener are non-flammable recommendation.

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.

MYK Arment Private Limited
(Formerly Known as MYK Schomburg India Pvt.Ltd)
8-2-703/A, 3rd Floor, Leela Gopal Towers, Road No. 12, Banjara Hills, Hyderabad -500 034
Tel: +91 40 6816 0001 | Email: myk@mykarment.com | www.mykarment.com