



EPOMATRIX

THIXOTROPIC EPOXY PASTE RESIN FOR FIXING ELASTIC STRIPS AND GENERAL STRUCTURAL INTERVENTIONS



PRODUCT DESCRIPTION

Thixotropic epoxy paste for fixing elastic strips and general structural interventions.

AREA OF APPLICATION

- Adhesion of elastic strips.
- Bonding steel plates, carbon fiber tapes, and similar materials to concrete, effectively reinforcing load-bearing elements like beams and columns in construction projects.
- Reconstruction of joints in concrete pavements.
- Rigid structural bonding (concrete plaques) of prefabricated elements and artifacts in various construction materials: concrete, steel, glass, wood, marble, bricks, stones, etc.
- Anchoring, bonding, and fastening of connectors, tie rods, etc.

CONSUMPTION

1.6 kg/dm³

APPLICATION METHOD

- The application surfaces must be properly prepared and adequately resistant: free from dust, grease, contamination, friable and/or incoherent parts, and without surface moisture issues. For pavements, preliminary shot blasting or milling of the bonding surfaces may be advisable.
- Combine component B with component A, ensuring all material from the packaging is taken and thoroughly mixed with a low-speed mixer until a completely homogeneous mixture is obtained, indicated by a uniform colour.
- Apply onto surfaces using spatulas, trowels, etc.
- Complete the operations within the safe adhesion interval of the product.
- Do not apply at temperatures below +5°C or above +35°C and avoid applying on surfaces with stagnant water.
- Tools used must be cleaned with resin thinner

HEALTH AND SAFETY

It may cause stain formation on the surface due to high application thickness differences. Care should be taken to make the application evenly, otherwise ponding may occur. After application, hands and application tools should be thoroughly washed with water. During the application, the ground should be protected from wind and direct sunlight. The indicated consumption amount is general information and may differ due to application conditions and surface features.

Use gloves, mask, and glasses during the application. For further instructions on a safe use of the product please refer to MSDS.

STORAGE

The unopened package has a shelf life of 12 months from the date of manufacture when stored in a dry, cool place. It's important to protect it from frost to maintain its quality.

WARRANTY

If the product is found to be defective, Drykos liability is limited to replacing the product itself. As Drykos has no control over the use of the product by the user, the latter must ensure that the product is suitable for the intended use, assuming all risks and responsibilities related to it.

PACKAGING

(A+B) = 2 kg - Can 1 kg (A) + Can 1 kg (B)

A+B) = 10 kg - Can 5 kg (A) + Can 5 kg (B)

TECHNICAL SPECIFICATIONS

| | |
|---|------------------------|
| Appearance | Thixotropic Gray paste |
| Mixture ratio (weight between A and B) | 100 : 100 |
| Density (DIN 53217/2) | 1.6 kg/l |
| Compressive strength UNI EN 12190 | 55 MPa |
| Elastic module | 4.1 GPa |
| Adhesion to concrete | >3 N/mm ² |
| Usage time at 20°C (*) | 30 minutes |
| Hardening at touch at 20°C | 2 hours |
| Completed hardening at 20°C | 7 days |

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