

CICO POXY 2125

TROWEL FINISH HIGH STRENGTH EPOXY REPAIR MORTAR

CICO POXY 2125 is solvent free, fast curing epoxy resin system, which filled into concrete voids/pockets for carrying out structural repairs. The cured resin possesses high mechanical strength, excellent adhesion, non-shrinking properties and a chemical resistance typical of all epoxy resin. Cracks and voids can be successfully sealed by CICO POXY mortars. Although CICO POXY mortars are supplied in pre-measured quantities according to the mixing proportion component-A Resin, component B-Hardener and Component-C Special Aggregate (Graded Silica Sand).

USES

CICO POXY 2125 is widely used in industrial floors, warehouses, workshops, airport hangers, ports, etc.

ADVANTAGES

- Solvent free – green product
- High compressive, flexural and bond strength
- High impact resistance
- Excellent solvent and oil resistance
- Anti-skid
- Easy to apply.

TECHNICAL DATA

Mixing Ratio by weight, Pack-A: Pack-B: Pack-C	2:01:25
Pot life at 30°C	45 - 80 minutes
Density, kg/m ³	2000 ± 100
Coverage kg/m ² /mm	1.9 ± 0.2
Full cure at 30°C	4 days
Shelf life	Approximately 2 years if the containers are properly stored and remain unopened for all.

METHOD OF APPLICATION

Surface Preparation

The area to be treated should be properly cleaned. The V-groove cut along the cracks, voids, unsound concrete pockets are filled / repaired with CICO POXY mortar after applying bond coat of CICO POXY 21P

Mixing

Mix all the components – B Polyamide (Hardener) with Component – A (Resin) to a smooth blend. Add Component –C (Special Aggregate) and again mix well. Mix for 2-3minutes using a spiral drill / paddle type mixer (maximum 250-300 R.P.M.) or by manually.

Placement

Apply the freshly mix mortar on primer (CICO POXY-21P) applied surface while it is slightly tacky. Spread the mortar evenly and tamp with straight metal (aluminium) beam and steel trowel to the desire thickness.

PACKING

28 Kgs.

HEALTH & SAFETY

Avoid contact with eyes. Prolonged contact with bare skin may cause irritation. Wear safety goggles and gloves during handling.

Important Note:

All CICO products are sold in the market after strict Quality Control in line of ISO 9001 and guaranteed against any manufacturing defect. Although the basic formulation of Company's products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. CICO aspires to ensure that any recommendation, advice, test data, specification, method statement and other information given in this product datasheet is accurate and best of company's knowledge. Since, the company (CICO TECHNOLOGIES LTD) has no control over the selection of its product, applicators, application methodology, how and where it is applied, therefore, the company cannot accept any liability directly or indirectly arising from the use of its product. It is important to any customer, user or specifier satisfies him / herself that the product is suitable for the intended purpose including health, safety and environmental aspect. Unless or otherwise agreed in writing, all products of the company are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. All customers, users, specifiers should ensure that they examine the suitability of the product with company's latest product data sheet.

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