

DESCRIPTION

Epoxy materials used in repairing, reinforcing reinforced concrete structures

TYPICAL APPLICATIONS

- In reinforcing the reinforced concrete structures and their supports structures
- In adhering the carbon fiber plates employed in the reinforcement.
- Reinforcing membrane walls, cracks or covering

ADVANTAGES

- It excellently adheres on concrete or steel.
- It is resistant against wear and impacts and easy to apply.
- It is resistant to corrosion.
- It has a high resistance against Chlorine and CO₂ diffusion.
- It increases the load bearing capacity of the structure.

PRODUCT DATA

Form	Epoxy Resin
Colour	Light gray
Packing	8 Kg (A+B) : (A)6 Kg , (B) 2Kg :
Consumption	1 Kg/m ² (1mm thickness)
Shelf Life	12months, indoor storing non-open packaging under controlled condition

TECHNICAL SPECIFICATION

Test Name	Average Result
Density	1.8 Kg/Ltr
Bending Strength 7 days @ 23 ⁰ C	30 N/mm ²
Compressive Strength 7 days @ 23 ⁰ C	65 MPa
Adhering onto Concrete	3.6 N/mm ² (Exceeding concrete strength)
Tensile Strength	20 N/mm ²

APPLICATION PROCEDURE

SURFACE PREPARATION

The surfaces to be applied should be clean of oil, dust, salt, grease, paint, cement, wastes and foreign particles. The concrete surface should be rough. Otherwise, the surface should be prepared by sanding. Application surface should be thoroughly cleaned and foreign particles should be removed.

APPLICATION

Component A and component B are mixed until they reach a homogenous consistency. Application is performed using spatula or trowel at a thickness of 1 mm. Temperature should be equal to or higher than +5°C

