

Epoxy

EPICHOR NR
Under Water Epoxy**General Properties:**

- **EPICHOR NR** is two-component solvent free clear epoxy for priming and repairing.
- Can be used as mortar by adding filling material.
- Can be applied in presence of water.
- Promotes excellent adhesion to submerged surfaces.
- Has good flexibility.

Uses:

- Primer for submerged surfaces as trestles, ships & vessels.
- For fixing tiles & repairing submerged concrete surfaces like water tanks & swimming pools, after adding the suitable filling.

Application:

1. Clean the substrate & remove all foreign materials, oil and grease should be removed mechanically.
2. Remove any weak or separated layers from substrate.
3. Wear gloves & eye goggles before working & be sure of good ventilation.
4. Add the resin to hardener in a suitable container and mix well. Mixing shall be done outside water.
5. Recommended to be applied by special diver especially in deep water.
6. Using a brush or woolen roller, apply **EPICHOR NR** within a period that should not exceed 40 minutes from mixing.
7. For fixing tiles, filling material is to be added till reaching the desired consistency and a suitable tool is to be used for application.

Note: Recommended to apply the mortar on the tile then fix to the substrate. The container of **EPICHOR NR** can be submerged in water during application.

8. Clean tools using solvent ex.: Thinner.

Technical Data:

Initial Curing Time	: After 24 hours of mixing.
Final Curing Time	: After 7 days of mixing.
Pot Life	: 40 min. at 24°C.
Consumption	: 1 kg covers 4-5 m ² one coat. As a mortar depends on mixing ratio of filling and thickness of Epoxy layer.
Epoxy to filling ratio	: 1 part epoxy: 1.5 part of filling materials
Chemical resistance	: Excellent resistance against water, alkalis, alcohols, good against hydrocarbons & chlorinated hydrocarbons, moderate against acids.
Shelf Life	: 18 months in closed container and away from sunlight, heat and humidity.

Environment: - Boots, rubber gloves, dust masks, and safety goggles.
- Refer to MATERIAL SAFETY DATA SHEETS (MSDS)

For more information please contact our technical department

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