

TRI- MORTAR RF

High Quality Cementitious reinforced, Repairing and finishing Mortar

Description

Tri- Mortar RF is a high performance, one component pre-bled, quartz silica enhanced, Fumed silica, cement-based product. This product is designed to be used as a repair mortar.



Uses

Tri -Mortar RF generally used as a repairing mortar for:

- Repair of concrete pipes / pre-cast concrete.
- Repair of damaged structural concrete.
- Repairs to honeycombing.
- Repair Offshore structures and sewage works.
- Protection and repairing for structures such as bridges, dams, sewers, canals and reservoirs.
- Repair to buildings and structures such as parking structures, grain silos, and chemical handling facilities.

Advantages

- Give a fair surface under paint coat.
- One component, easy mix just add required water .
- Good adhesion to sound clean substrates.
- Suitable for overhead applications to specified thicknesses.
- Shrinkage compensated.
- Excellent bond to steel reinforced and concrete.
- Thixotropic mortar which allows easy trowel application whilst enabling high application thicknesses in both vertical and horizontal situations.
- Nontoxic when cured.

Technical Data @°25c

| DISCRETIONS | VALUE |
|------------------|------------------------------------------------|
| Color | Gray Powder |
| Density (Mix) | 2.00 ± 0.2 kg/L |
| Working time | 45 – 60 min (depending on weathers conditions) |
| Curing time | 5-7 hrs. (depending on weathers conditions) |
| Chloride Content | Nil |

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Factory & Head Office:

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Directions for use

The substrate must be clean, sound and free from all contaminants that may Have an effect on the adhesion strength like dust, oils and grease and wax Cement laitance, and any other contaminants must be removed by blasting or suitable Release agent.

Where necessary cut back to expose sound concrete and reinforcing bars.

Mechanically clean reinforcing steel to remove corrosion.

Prime reinforcing steel with **Tri - Zinc p11** and allow to cure.

The required repairing substrate should be wetted with water before application of **Tri -Mortar RF** and it's prefer to use **Tri - Bobd SBR** as a bonding agent between the old concrete and **Tri -Mortar RF**.

it's recommended to apply **Tri -Mortar RF** while **Tri - Bond SBR** layer still tacky.

Prepare the specified amount of water (4- 4.5) liter/ 25 Kg **Tri -Mortar RF** on

Required flowability in clean container Then added the required quantity of

Tri -Mortar RF step by step with good mechanical mixing until a homogeneous smooth, consistency is obtained (mix from 3 – 5 min) after finishing of addition

Last quantity of powder product.

apply the mortar with a steel trowel at a thickness of 10 – 20 mm.

Cleaning

All tools should be cleaned with Water immediately after use.

Package

Available in packing Sack 25 kg

Shelf Life

12 month stored in dry and cool area.

Storage

in dry conditions protected from direct sunlight and moisture.

Health and Safety

Application should be carried out in well ventilated place.

Gloves, protective clothing and eye goggles should be worn during application.

Skin contaminations should be immediately cleaned with soap and plenty of water.

If the material is splashed into the eyes, should be immediately washed with water and ask for a medical advice.



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