

RMB-RESIN for TWO-COMPONENT MORTARS

LIQUID COMPONENT B FOR ALL THE TECNOCHEM TWO-COMPONENT MORTARS

Description RESINA RMB is a water-based emulsion of special organic acrylic polymers, which can be used for all the Tecnochem two-component mortars or slurries.

The use of RESIN RMB (liquid component B), through a film formation/polymerisation process occurring after mixing with the powder formulation of the components A, increases the adhesion of the paste and contributes to the formation of infrared and UV-light resistant films, very high durability in various conditions of exposure and in improved water vapour permeability.

The resin RMB can also be used to finish the repairs by sponge instead of using water. In this way, better curing of the repaired surface is obtained.

- Advantages and characteristics**
- One component only for several products on the jobsite.
 - The TWO-COMPONENT MORTARS can be used for inside or external applications.
 - TWO-COMPONENT MORTARS adhere also on substrates which do not give any key for traditional products.
 - Improved adhesion, elasticity, compaction, durability, waterproofing.
 - Reduced crack tendency of the repaired surfaces.
 - Auto-curing, internal curing compound.

- Indications of use**
- Mix the product before using.
 - Clean the substrate, and remove damaged or spalled concrete.
 - Use the quantity RESINA RMB needed for the desired workability. Mix the MORTAR only with resin RESINA RMB without addition of water * (see note).
 - Also when the exposed surface to repair shows very fast evaporation of the water, or high suction NEVER WET THE SUBSTRATE TO BE REPAIRED (by not wetting the substrate, faster film-formation of the resins can occur and thus improve the adhesion).
 - For the repair of pouring concrete or wherever there is the necessity for a strong adhesion between 2 different substrates (mortars, concrete, brickwork, new on old, or old on old).
 - Wherever it is desired to obtain maximum durability and protection of the repaired area even in very severe conditions of exposure.

*NOTE: the quantity of the RESINA RMB as component B for the different MORTARS or TWO-COMPONENT CEMENT BASED PRODUCTS is pre-dosed in the packaging as optimal referred to the Component A (powder).

In special case (high temperatures, dry environment, wind, very absorbent substrate), it is possible a slightly higher amount of resin in order to obtain the optimal workability for the specific use.

Additionally the resin RMB will be used as LIQUID FOR THE FINISHING AND SMOOTHENING to achieve a better finish and protected curing.

- Remarks**
- Avoid working below +6 °C, or foresee adequate protection.
 - Protect the repair against rainfall during at least 24 hours.
- In the case RESINA RMB has been frozen in the original packaging, bring the product into an heated area and bring slowly to higher temperatures (eventually 'en bain marie'), remix before using. The RESINA RMB will remain stable for at least 3 cycles of freezing/thawing.

Packaging Cans of 5 Kg and 20 Kg
Container of 1000 kg.

Consumption 14÷30% depending on the product.

Safety indications Read carefully the safety indications on the packaging, or consult the relevant Material Safety Datasheet of this product.

The above data are based on our actual and most experienced practical and laboratory knowledge and the results are collected from application of the product in different situations. Tecnochem Italiana does not assume any responsibility regarding inadequate or negative performance as a result of improper use of the product or for defects deriving from factors or elements other than the quality of the product including improper storage. The technical characteristics and performance mentioned in this datasheet are updated periodically. The revision dates and number of revision of the datasheets are listed in the table below. Eventual variations are traceable on our website www.tecnochem.it where the most updated datasheets can be retrieved.