

## ARALCI REPAIRING PLASTER

### ■ Definition

It is used for any repairs on plaster surfaces, any concealing and filling processes, etc. in constructions.

### ■ Area of application

It is used for any concealing and filling processes, cast, suspended ceiling construction, marble bonding, etc. in constructions.

### ■ Application features

- Using period: 5-6 minutes
- Setting Time: 15-16 minutes
- It ensures that the basic filling and repair works are done quickly.
- Its setting time is very short.

### ■ Surface preparation

- The application surfaces must be cleared of dust, dirt, oil, etc. that prevent adherence.
- The surface must be wet in dry and hot weather conditions.

### ■ Application conditions

- Ambient temperature should be between +5°C and +35°C
- Do not apply on frozen, melting surfaces, or surfaces likely to freeze within 24 hours.
- Do not apply on surfaces under direct sun or strong wind, or hot surfaces.
- The newly applied surfaces must be **protected against water contact definitely.**

### ■ Warnings and Advices

- Pay attention to the water/plaster ratio of the mix. Otherwise, it may cause spalling, cracks or strength reduction.
- Do not apply in very hot, dry or windy environments. If applied in very hot environments, it may cause spalling, cracks and strength reduction consequently.
- Pay attention to the product storing conditions. Do not keep the product in humid or very hot places.
- In case any petrification is found out in the bag, do not use the product.

-Do not breath its powder since it consists of various chemical additives and plaster. Avoid contact with skin and eyes. In case of contact, wash your skin/eyes with plenty of water. Use protective equipment such as mask, gloves etc. during the works.

### ■ Application tools

Hand mixer, trowel, spatula

### ■ Application

- The container in which the mortar will be prepared must be clean and cleared of the remnants of the previous mixture.
- The water used in the mixture should not be salty, acidic or oily. The water temperature must be between 17 and 23°C.
- The mortar must be prepared by using 7 kg of water and 10 kg of ARALCI REPAIRING PLASTER.
- Water is poured into the container, and then ARALCI REPAIRING PLASTER is added. The plaster is given 2-3 minutes to absorb the water.
- The plaster is mixed until a homogeneous consistency is achieved by mixing with a trowel or hand mixer.
- No other product or materials must be added to ARALCI REPAIRING PLASTER mixture.
- No water or plaster should be added into the mortar during or after mixing.
- It must be **ensured** that the the application surface is **moistened** prior to application.
- The mortar ready for the application is applied on the surface to be repaired or filled using a spatula.
- When the plaster begins to set, the surface is smoothened using a spatula.

### ■ Performance Details

- Bending Strength:  $\geq 4 \text{ N/mm}^2$
- Compressive Strength:  $\geq 10 \text{ N/mm}^2$
- Calcium Sulphate percentage:  $\geq 70\%$
- Adhesive Strength:  $\geq 0.2 \text{ N/mm}^2$
- Reaction to Fire: Class A 1
- Dry Surface Stiffness:  $\geq 60 \text{ SHORE D}$
- Temperature resistance: between -30°C and +60°C

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-Note: The application features have been determined in consequence of the tests conducted in laboratory

environment ( $23 \pm 2^{\circ}\text{C}$  and  $50\% \pm 5$  humidity, and no air current), and thus, they may vary by different ambient conditions. The performance details have been tested in the environments specified in accordance with the relevant standard of the product, and different results may be observed in different environments.

▪ **Reference Standards**

-TS EN 13279-1/A2  
-CE

▪ **Packaging**

-30 kg polypropylene laminated bag  
-1 kg and 5 kg plastic bags

▪ **Physical form**

-White, powder

▪ **Storage Conditions**

-Bags must be stored in a dry place and to a height that does not exceed 18 bags. Bags must be stored so as not to contact with the ground in order them to be protected against humid. ARALÇI REPAIRING PLASTER stored as described above must be used within 12 months as of the production date. Inappropriate storage or exceeding the expiry date may deteriorate the properties of the product.