

ARALÇI PLASTERBOARD GROUTING PLASTER

■ Definition

It is the grouting plaster used in plasterboard joints with joint tape.

■ Area of application

-It is ideal to make coating on the application surfaces of plasterboards, and used in board joints with the joint tape.

■ Application features

- Using period: min. 50 minutes
- Setting Time: 90-120 minutes
- Waiting time for the second layer: 120 minutes
- Its fineness, whiteness and appropriate setting time offer an impeccable working condition.
- Creates a smooth surface thanks to its special granulation.
- It is pasty and can be applied easily.
- There will be no cracks in joints since it has flexibility.
- Never allows bacterial, mold, fungi growth.
- Provides a healthy environment by stabilizing humidity.

■ Surface preparation

-The application surfaces must be cleared of dust, dirt, oil, etc. that prevent adherence.

■ 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.

■ 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.

-The newly applied surfaces must be **protected against water contact definitely.**

-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, spatula, steel trowel

■ Application

-The container in which the mortar will be prepared must be clean and cleared of the remnants of the previous mixture.

-It is necessary to pay attention to cleanliness of the water and materials used. The water temperature must be between 17 and 23°C.

-The mortar must be prepared by using 6.25-6.75 liters of water and 10 kg of ARALÇI PLASTERBOARD GROUTING PLASTER.

-Water is poured into the container, and then ARALÇI PLASTERBOARD GROUTING 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.

-If a hand mixer is used, operate the hand mixer in low speed since the operating speed can affect the setting time.

-In the mixing container, the mortar is mixed until a homogeneous pasty consistency is achieved.

-Do not mix any other product or materials into ARALÇI PLASTERBOARD GROUTING PLASTER.

-No water or plaster should be added into the mortar during or after mixing.

-The mortar ready for the application is applied using a clean trowel. The spaces between the wall joints and plasterboards are filled through a pre-filling process. The joint tapes are placed as aligned to the centerline of the boards before the application.

-The first coat of the homogeneous mixture is applied on the joint tape, and this coat is smoothed after drying out.

The second coat is applied on the plasterboard. After the surface has dried, it is sandpapered.

-The surface is finished with ARALÇI SATIN FINISH PLASTER.

-After the application, the surface becomes smooth, bright and ready for painting.

■ Consumption

1-1,5 kg/m²

■ Performance Details

-Compressive Strength: ≥ 2 N/mm²

-Setting time start: Normal

-Calcium Sulphate percentage: $\geq 30\%$

-Adhesion Endurance: 0,1 N/mm²

-Insulating the sound spreading through the air: NPD

-Heat Resistance: $\leq 0,3$ W(m/K)

-Reaction to Fire: Class A 1

-Dry Surface Stiffness: ≥ 55 SHORE D

-Temperature resistance: between -30°C and +60°C

-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 ambients specified in accordance with the relevant standard of the product, and different results may be observed in different ambients.

■ Reference Standards

-TS EN 13963/3B

-CE

■ Packaging

-30 kg polypropylene laminated bag

■ Physical form

-White, powder

■ Storage Conditions

-Bags must be stacked 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 PLASTERBOARD GROUTING 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.