

ARALCI SATIN FINISH PLASTER

■ Definition

It is an under-paint top coat finishing plaster applied over plaster boards or gypsum-plastered walls (finish plaster).

■ Area of application

-It is applied on brown coat, gypsum plaster, gypsum block wall, plaster board, exposed concrete, and dirty or painted surfaces.

■ Application features

- Using period: 90 minutes
- Application thickness: min. 1 mm, max. 2 mm
- Setting Time: min. 20 minutes
- An inflammable construction material.
- Never allows bacterial or fungi growth.
- It fills in spaces and roughnesses on the surface.
- It provides a surface on which any paint or decorative coating can be applied, by making it a satin-like smooth surface.
- It provides a smooth and hard surface thanks to its special granulation.

■ 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.
- The surface must be finished applying the Satin Finish Plaster immediately after the under-surface operations have been completed.
- 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, 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 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 6.75-7.25 liters of water and 10 kg of ARALCI SATIN FINISH PLASTER.

-Water is poured into the container, and then ARALCI SATIN FINISH 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 you are using a mechanical mixer, it must be used at a low speed.

-No water or plaster should be added into the mortar during or after mixing to prevent lump formation.

-Pay attention to cleanliness of materials to be used in application.

-Do not mix any other product or materials into ARALCI SATIN FINISH PLASTER.

-The mortar ready for the application is applied by pressing on the surface by a clean trowel. -The marks are removed by the edge of the steel trowel after the plaster begins to set.

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- After the plaster has dried, it is sandpapered.
- The application thickness must remain between 1 mm and 2 mm.

■ Consumption

1 kg/m² (for 1 mm thickness)

■ Performance Details

- Bending Strength: $\geq 1 \text{ N/mm}^2$
- Compressive Strength: $\geq 2 \text{ N/mm}^2$
- Setting Time Start: ≥ 20 minutes
- Calcium Sulphate percentage: $\geq 50\%$
- Determination of fineness(1500 μ): 0%
- Insulating the sound spreading through the air: NPD
- Heat Resistance: $\leq 0,3 \text{ W(m/K)}$
- Reaction to Fire: Class A 1
- Dry Surface Stiffness: $\geq 40 \text{ SHORE D}$
- 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°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 13279-1//C6/20/2
- CE

■ Packaging

- 25-30 kg polypropylen laminated bag
- 1 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 SATIN FINISH 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.

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