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ARSLANLI SATIN FINISHING PLASTER

- **Description**

  -A fine satin finishing plaster with high adhesion, applied as the final coat under paint on surfaces covered with gypsum board or gypsum plaster.

- **Area of application**

  -Applied over rough plaster, gypsum plaster, gypsum block walls, gypsum board, fair-faced concrete, dirty or painted surfaces.

- **Application properties**

  -Working time: 90 minutes
  -Application thickness: min. 1 mm, max. 2 mm
  -Setting time: min. 20 minutes
  -It is a non-combustible building material.
  -It does not generate bacteria or fungus.
  -Fills voids and irregularities on surfaces.
  -Gives the surface a glass-like, smooth, and even finish, providing a base on which any type of paint or decorative coating can be applied
  -Provides a smooth and hard surface thanks to its special particle distribution.

- **Surface preparation**

  -Surfaces to be applied must be free of dust, dirt, oil, and similar residues that would prevent adhesion.

- **Application conditions**

  -Ambient temperature between +5 0C and +350C,
  -Must not be applied on frozen, thawing surfaces or surfaces at risk of frost within 24 hours.
  -Must not be applied in direct sunlight, strong wind, or on hot surfaces.
  -The Satin Finishing Plaster application should be carried out and completed immediately after the underlying surface work is finished.
  -Completed surfaces must never be allowed to come into contact with water.

- **Warnings and Recommendations**

  -Attention must be paid to the water/gypsum ratio of the mixture. Otherwise, disruption of this ratio may cause spalling, cracking, and reduced strength.
  -Application should not be carried out in very hot, dry, and windy environments. Applications carried out in excessively hot environments may result in spalling, cracking, and loss of strength.
  -Attention must be paid to product storage conditions. Products must not be kept in humid and very hot environments.
  -If lumping/hardening is encountered inside the bag, the product must never be used.
  -As it contains various chemical additives and gypsum, its dust must not be inhaled. Avoid contact with skin and eyes. In case of contact, rinse thoroughly with plenty of water. Protective clothing such as masks and gloves must be used during work.

- **Application tools**

  Hand mixer, steel trowel

- **Application**

  -The container in which the mortar will be prepared must be clean and free of residues from the previous mixture.
  -Attention must be paid to the cleanliness of the water and materials used.
  -The water used in the mixture must not be salty, acidic, or oily. Water temperature should be between 17 and 230C.
  -The mortar should be prepared at a ratio of 6.75-7.25 liters of water to 10 kg of ARSLANLI SATIN FINISHING PLASTER.
  -Water is poured into the container first, then ARSLANLI SATIN FINISHING PLASTER is sprinkled in. Wait approximately 2-3 minutes for the gypsum to absorb the water.
  -Mix thoroughly with a trowel or hand mixer until the mortar reaches a homogeneous consistency.
  -If a mechanical mixer is used for mixing, it should be operated at low speed.
  -To prevent lumping of the gypsum, no water or gypsum should be added to the mortar after mixing.
  -Care must be taken to ensure that the materials used in the application are clean.
  - No other product or material should be mixed with ARSLANLI SATIN FINISHING PLASTER.
  -Once ready for application, the mortar is pressed onto the surface and spread with a clean trowel. After the mortar

begins to harden, marks are smoothed off with the edge of the steel trowel.
-Once the gypsum has dried, it is sanded.
-The application thickness should be at least 1 mm and at most 2 mm.

- **Consumption**
  1 kg/m2 (for 1 mm thickness)

- **Performance Information**
  -Flexural Strength: ≥ 1 N/mm2
  -Compressive Strength: ≥ 2 N/mm2
  -Initial Setting Time: ≥ 20 minutes
  -Calcium Sulphate percentage: ≥ 50%
  -Direct airborne sound insulation: NPD
  -Thermal Resistance: ≤ 0.3 W(m/K)
  -Reaction to Fire: Class A 1
  -Dry Surface Hardness: ≥ 40 SHORE D
  -Temperature resistance: -300C to +600C
  -Note: Application properties have been obtained as a result of tests carried out under laboratory conditions (23 ± 2 0C and 50% ± 5 humidity, with no air movement) and may vary according to different ambient conditions. Performance information has been tested in the environments specified by the relevant standard for the product, and results may vary in different environments.

- **Reference Standards**
  -TS EN 13279-1//C6/20/2
  -CE

- **Packaging**
  -25 - 30 kg Polypropylene laminated bag

- **Physical state**
  -White, powder

- **Storage Conditions**
  -In a dry environment, no more than 18 bags should be stacked on top of each other. Bags must be stored so that they do not touch the ground and are protected from moisture. Under these conditions, ARSLANLI SATIN FINISHING PLASTER should be used within 12 months from the production date. Improper storage conditions or exceeding the usage period may impair the product's properties.