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ARSLANLI GYPSUM BOARD JOINT FILLING PLASTER

- **Description**

  A filling plaster used together with joint tape at gypsum board joints.

- **Area of application**

  -Used for finishing gypsum boards on application surfaces and, together with joint tape, at the joints between boards.

- **Application properties**

  -Working time: min. 50 minutes
  -Setting time: 90-120 minutes
  -Second coat waiting time: 120 minutes
  -Its fineness, whiteness, and appropriate setting time provide an excellent working experience.
  -Creates a smooth surface due to its special particle distribution.
  -Can be easily applied due to its paste-like consistency.
  -Since it has flexibility, no cracking occurs at the joints.
  -Does not generate bacteria, mold, or fungus.
  -Provides a healthy environment by balancing humidity levels.

- **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.

- **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.
  -Completed surfaces must never be allowed to come into contact with water.
  -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, spatula, 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. Water temperature should be between 17 and 230C.
  -The mortar should be prepared at a ratio of 6.25-6.75 liters of water to 10 kg of ARSLANLI GYPSUM BOARD JOINT FILLING PLASTER.
  -Water is poured into the container first, then GYPSUM BOARD JOINT FILLING 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 hand mixer is used, it should be operated at low speed, since the operating speed of the mixer will affect setting.
  -In the mixing container, the mortar is mixed until it reaches a paste-like consistency at every point.
  -No other product or material should be mixed with GYPSUM BOARD JOINT FILLING PLASTER.
  -No water or gypsum should be added to the mortar during or after mixing.
  -Once ready for application, the mortar is placed on a clean trowel. Gaps between wall junctions and boards are

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closed with a pre-filling process. Before application, joint tape is positioned to center the boards.

-The first coat of the homogeneous mixture is applied over the joint tape and, once dry, the surface is smoothed. The second coat is applied to the gypsum board surface. Once the surface has dried, sanding is carried out.

-Finishing is carried out with ARSLANLI SATIN FINISHING PLASTER.

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

- **Consumption**

  1-1.5 kg/m2

- **Performance Information**

  -Compressive Strength: ≥ 2 N/mm2
  -Setting onset: Normally set
  -Calcium Sulphate percentage: ≥ 30%
  -Adhesion Strength: 0.1 N/mm2
  -Direct airborne sound insulation: NPD
  -Thermal Resistance: ≤ 0.3 W(m/K)
  -Reaction to Fire: Class A 1
  -Dry Surface Hardness: ≥ 55 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 13963/3B
  -CE

- **Packaging**

  -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 GYPSUM BOARD JOINT FILLING 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.