

PLYSET FINISHING COAT

■ Description

-A high-adhesion satin finishing plaster that can be applied as a thin top coat under paint on gypsum board or plaster-coated surfaces.

■ Application area

-Applied over rough plaster, gypsum plaster, gypsum block walls, gypsum boards, exposed concrete, dirty or painted surfaces.

■ Application properties

-Working time: 90 minutes
-Application thickness: min. 1 mm, max. 2 mm
-Setting time: min. 20 minutes
-Is a non-combustible building material.
-Does not produce bacteria or fungi.
-Fills voids and roughness on surfaces.
-Provides a glass-like glossy and smooth surface ready for any paint or decorative covering
-Provides a smooth and hard surface thanks to its special grain distribution.

■ Surface preparation

-Surfaces to be treated must be cleaned of dust, dirt, oil and other residues that may impair adhesion.

■ Application conditions

-Ambient temperature between +5 °C and +35°
-Must not be applied on frozen or thawing surfaces, or on surfaces at risk of frost within 24 hours.
-Must not be applied under direct sunlight, strong wind or on hot surfaces.
-Immediately after the substrate work is completed, the Finishing Coat must be applied to finish the surface.
-Completed surfaces **absolutely water** must not be brought into contact with.

■ Warnings and Recommendations

-The water/plaster ratio must be observed. Otherwise, an incorrect ratio may cause spalling, cracking and strength loss.
-Application must not be carried out in very hot, dry or windy environments. Applications in extremely hot conditions may result in spalling, cracking and strength loss.

-Product storage conditions must be observed. Products must not be kept in damp or very hot environments.

-Must not be used if hardening (lump formation) is observed inside the bag.

-Since the product contains various chemical additives and gypsum, the dust must not be inhaled. Avoid contact with skin and eyes. In case of contact, rinse thoroughly with water. Use protective equipment such as masks and gloves during work.

■ Application tools

Hand mixer, steel trowel

■ Application

-The mixing container must be clean and free of residues from the previous batch.

-The cleanliness of the water and materials used must be ensured.

-The mixing water must not be salty, acidic or oily. Water temperature should be between 17 and 23°C.

-The mortar must be prepared at a ratio of 6.75-7.25 liters of water to 10 kg of PLYSET FINISHING COAT.

-First add water to the container, then PLYSET FINISHING COAT is sprinkled in. Wait about 2-3 minutes for the plaster 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, it must be operated at low speed.

-To prevent the plaster from clumping, water or plaster must not be added to the mortar after mixing.

-The materials to be used in the application must be kept clean.

- PLYSET FINISHING COAT's must not be mixed with any other product or material.

-The ready-to-use mortar is pressed onto the surface with a clean trowel. After the mortar starts to harden, the marks are shaved off with the edge of a steel trowel.

-The plaster is sanded after drying.

-Application thickness should be min. 1 mm and max. 2 mm.

■ Consumption

1 kg/m² (per 1 mm thickness)

- **Performance Information**

- Flexural strength: $\geq 1 \text{ N/mm}^2$
- Compressive strength: $\geq 2 \text{ N/mm}^2$
- Initial setting time: ≥ 20 minutes
- Calcium sulfate content: $\geq 50\%$
- Airborne sound insulation: NPD
- Thermal resistance: $\leq 0.3 \text{ W(m/K)}$
- Reaction to fire: Class A1
- Dry surface hardness: $\geq 40 \text{ SHORE D}$
- Temperature resistance: -30°C and $+60^{\circ}$
- Note: Application properties values were obtained from laboratory tests ($23 \pm 2^{\circ}\text{C}$ and $50\% \pm 5$ humidity, with no air movement) and may vary under different environmental conditions. Performance information values were measured under the conditions specified in the relevant product standard and may vary under different conditions.

- **Reference Standards**

- EN 13279-1//C6/20/2

- **Packaging**

- 25 - 30 kg polypropylene-laminated bag

- **Physical state**

- White powder

- **Storage Conditions**

- Keep in a dry environment, with no more than 18 bags stacked. Bags must be stored off the ground and protected from moisture. Under these conditions, PLYSET FINISHING COAT must be used within 12 months from the date of production. Improper storage conditions or exceeding the shelf life may impair the product properties.