

## PLYSET FILLER COAT

### ■ Description

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

### ■ Application area

-Used for cladding gypsum boards onto application surfaces and at the board joints together with joint tape.

### ■ Application properties

- Working time: min. 50 minutes
- Setting time: 90-120 minutes
- Waiting time before second coat: 120 minutes
- Its fineness, whiteness and suitable setting time provide excellent workability.
- Forms a smooth surface thanks to its special grain distribution.
- Easily applied thanks to its paste consistency.
- Thanks to its flexibility, no cracks form at joints.
- Does not produce bacteria, mold or fungi.
- Provides a healthy environment by balancing humidity.

### ■ 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.

### ■ 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.

-Completed surfaces **absolutely water** must not be brought into contact with.

-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, spatula, 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. Water temperature should be between 17 and 23°C.

-The mortar must be prepared at a ratio of 6.25-6.75 liters of water to 10 kg of PLYSET FILLER COAT .

-First add water to the container, then PLYSET FILLER 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 hand mixer is used, since the mixer speed affects setting it must be operated at low speed.

-The mortar in the mixing container is mixed until it reaches a paste-like consistency throughout.

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

-Water or plaster must not be added to the mortar during or after mixing.

-The ready-to-use mortar is taken on a clean trowel. The gaps at wall junctions and between boards are pre-filled. Before application, joint tape is centered over the boards.

-The first coat of the homogeneous mixture is applied over the joint tape and, after drying, the surface is smoothed. The second coat is applied to the gypsum board surface. After the surface dries, sanding is carried out.

-Finishing is performed with PLYSET FINISHING COAT.

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

- **Consumption**

- 1-1,5 kg/m<sup>2</sup>

- **Performance Information**

- Compressive strength:  $\geq 2$  N/mm<sup>2</sup>

- Initial setting: Normal

- Calcium sulfate content:  $\geq 30\%$

- Adhesion strength: 0.1 N/mm<sup>2</sup>

- Airborne sound insulation: NPD

- Thermal resistance:  $\leq 0.3$  W(m/K)

- Reaction to fire: Class A1

- Dry surface hardness:  $\geq 55$  SHORE D

- Temperature resistance: -30<sup>0</sup>C and +60<sup>0</sup>

- Note: Application properties values were obtained from laboratory tests (23  $\pm$  2 <sup>0</sup>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 13963/3B

- **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 FILLER 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.