

PLYSET SELF LEVELLING

■ Description

Cement-based, self-leveling screed.

■ Application area

- Used indoors and in dry environments.
- Used in residences, hospitals, educational buildings, shopping centers, stores and markets.
- Used to level the surface before laying ceramic, granite, marble, wood, parquet, laminate, carpet and PVC coverings.
- Used as a leveling screed before the final floor covering on indoor floors of all buildings exposed to medium and heavy traffic.

■ Application properties

- Self-leveling time of the mortar: 15 minutes
- Time before traffic: 8-24 hours
- Application thickness; medium pedestrian traffic: 1-10 mm, heavy pedestrian traffic: 3-10 mm

■ Surface preparation

- Surfaces where PLYSET SELF LEVELLING will be applied must be cleaned by vacuuming, sweeping or other means of dust, dirt, oil and other residues that may impair adhesion.
- If there are defects on the surface, repair mortar is used to repair them.
- The surface must be cured and sound.

■ Application conditions

- Ambient temperature between +5 °C and +30°
- Must not be applied on frozen or thawing surfaces, or on surfaces at risk of frost within 24 hours.
- Must not be applied on hot underfloor heating systems.

■ Warnings and Recommendations

- Foreign substances must never be added.
- The water/powder ratio must be observed. Otherwise, an incorrect ratio may cause cracking, settlement, dusting and strength loss
- After application, all tools used must be washed with water before drying.

■ Application tools

Hand mixer, steel trowel, roller

■ 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 mortar must be prepared at a ratio of 5.5-5.75 liters of water to 25 kg of PLYSET SELF LEVELLING .
- The prepared mortar is left to mature for 2-3 minutes, then mixed again before use.
- Pour the prepared free-flowing mortar onto the surface. Use a spiked roller to remove air bubbles, and if necessary use a steel trowel to make local corrections and adjust the thickness.
- Application on large areas must be uninterrupted to prevent cold joints. For this reason, material must be prepared in multiple buckets and poured one after another to ensure continuity.
- The mixture in the container must be used within approximately 30-35 minutes.
- Never add powder or water to mortar that has exceeded its pot life.
- Rapid drying of the material must be prevented.
- Wait at least 3 days before applying the top covering.
- Not applied outdoors or in industrial areas.
- Not applied on damp or wet floors.

■ Consumption

Approximately 1.6-1.8 kg/m² (per 1 mm coat thickness)

● Performance Information

- Compressive strength: ≥ 20 N/mm²
- Flexural strength: ≥ 5 N/mm²
- Capillary water absorption: $\leq 0,1$ kg/m².dk^{0,5}
- Bond strength: ≥ 1 N/mm²
- Temperature resistance: -30°C and + 60°

Note: Application properties values were obtained from laboratory tests (23 ± 2 °C and 50% ± 5 humidity, with no air movement) and may vary under different environmental conditions. Performance information tested under the conditions required by the relevant product standard and results may vary under different conditions.

● Reference Standards

- EN 13813

● Packaging

- 25 kg in Kraft bag,
- 64 pieces per pallet, 1600 kg

- **Physical state**

- Gray powder

- **Storage Conditions**

- During storage, no more than 10 Kraft bags should be stacked. Storage must be in covered areas away from direct sunlight.

- Bags must be stored off the ground and protected from moisture.

- Under these conditions, the product can be stored for 12 months from the date of production.

- Improper storage conditions or exceeding the shelf life may impair the product properties.