

Construction Gypsum

Product description:

Quickly binding construction gypsum for direct application. It is used for filling holes, mounting electrical installations, skimming rough coatings or other proper substrates with normal bearing capacity.



Standard Classification:

In compliance with EN 13279-2:2014



Advantages:

- ✓ Excellent adhesion
- ✓ High resistance
- ✓ Compatibility with all types of masonry and concrete works
- ✓ Fast gathering of strength

Application:

- ✓ Fixing of electrical cables
- ✓ Suitable for complete plastering
- ✓ Suitable for bonding gypsum ornaments
- ✓ Easy and effective to work with

Technical data

Technical specifications	
Time for work	~ 8 minutes
Consumption	~ 1 kg/m ² /1mm
Coverage	~ 5 m ² / 5 kg ~ 25 m ² / 25 kg
Mixing ratio	~ 2.55 l water : 5 kg ~ 13 l water : 25 kg
Application temperature	5° - 30 ° C
Bond strength	0.8 MPa
Subtlety – residue retained on sieve 200 µm	0.8 %
Reaction to fire	A1
Expiry date	12 months

Instructions for use:

1. **Pre-treatment of substrate:** The substrate surface has to be clean, dust-free and oil-free! Coatings without bearing capacity must be removed. Strong or weak hygroscopic substrates have to be primed in advance with a suitable primer to control absorbency and adhesion.
2. **Mixing:** Fill a clean, non-metallic container partially with water. Add to it gradually the required amount of CONSTRUCTION GYPSUM (the ratio of gypsum: water has to be approximately 1:0,55). Let the mixture obtained in this way "ripen", and stir it slowly by hand. Prepare a mixture amount that will be used within 5 minutes!

3. Skim coating in three steps:

1) Strong gypsum (first layer)

With this type, the amount of the deposited mixture has to be 1-2 mm above water level. Suitable for a first layer of gypsum skim coat.

2) Moderate gypsum (second layer) With this type, after pouring out a specified amount of dry mixture and it settles in the water, 1-2 mm of water have to remain above it. Suitable for a second layer of gypsum skim coat, as well as for electric cables, electric boxes, etc.

3) Weak gypsum (third layer)

The amount of deposited dry mixture has to reach $\frac{1}{2}$ of the amount of water. Let it stay for 2 minutes, stir it, and let it absorb. Before starting work, remove the excess amount of water. The purpose of this operation is to glaze the surface after strong and moderate gypsum has been laid.

Special notes:

- ✓ It is mandatory to use perfectly clean instruments without traces of rust. Otherwise, the characteristics of the products and its bonding time can be substantially changed.
- ✓ Avoid drastic temperature changes during ventilation of workrooms.

Packaging and Storage

- ✓ 5 kg paper bags. 120 bags in a pallet. Pallet weight 1200 kg.
- ✓ 25 kg paper bags. 40 bags in a pallet. Pallet weight 1000 kg.
- ✓ Store and transport it in a tightly sealed original packaging in closed, dry and ventilated areas.
- ✓ The product is suitable for use within 12 months after the production date.
- ✓ The properties of the product are guaranteed only when the product is stored and used in the right way.
- ✓ If the product becomes moist, hardened lumps will develop, which deteriorates its properties and shortens the bonding time.

Safety recommendations:

- ✓ Product not classified as hazardous.
- ✓ It is recommended to use safety gloves, mask and glasses when apply the product to prevent the risk of inhalation, irritation of the skin and eyes.