

## SATEN gypsum skim coat

### Product description:

SATEN is a fine gypsum-based skim coat compound for manual application on different types of substrates. It provides smooth and high-quality surface of exterior walls and ceilings, ready for finishing coatings and decorations.



### Standard Classification:

In compliance with EN 13279-2:2014



### Advantages:

- ✓ Perfect for delicate skim coating of different surfaces
- ✓ Creates perfectly smooth surface
- ✓ Fills minor damages to 5 mm and cracks on plasterboards or other surfaces
- ✓ Economical because of the thin layer that has to be laid

### Application:

- ✓ Suitable for complete plastering
- ✓ Filling in to small gaps and overhauls

### Technical data

Time for work	~ 60 minutes	
Consumption	~ 0.85 kg/m <sup>2</sup> /1mm	
Coverage	~ 11 m <sup>2</sup> / 5 kg	~ 29 m <sup>2</sup> / 25 kg
Mixing ratio	~ 7.5 l water : 10 kg	~ 18 l water : 25kg
Application temperature	5° - 30 ° C	
Bond strength	0.5 MPa	
Subtlety – residue retained on sieve 200 µm	1.4 %	
Reaction to fire	A1	
Expiry date	6 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 very well cleaned, non-metallic container partially with water. Add to it the required amount of SATEN (18 litres of water to a bag of 25 kg) slowly and gradually, so that the level of the gypsum mixture reaches 1-2 mm above water level. Let the material settle for 3-5 minutes. Then stir the mixture by hand using a trowel or mixer (400-600 rpm) until a homogeneous mixture without lumps is formed.
3. **Skim coating in three steps:**

## 1) Laying a first layer

A layer with a thickness of 1 to 3 mm has to be laid. Movement of the plastering trowel has to be from the bottom upwards, with an inclination of around 30% in relation to the base. Start leveling the wall by circular movements only in one direction (or only to the left or to the right, in no case in a full circle). Wait until the skim coat is half hardened, and then process it with a clean mortar board until the surface becomes perfectly smooth. With each movement, the mortar board has to be cleaned of the picked material with a putty knife.

## 2) Laying a second layer

Apply a second coat of mixture after the first coat has dried completely. Lay in the same way, but with a little more pressure in order to reach an average thickness of the layer not more than 1 mm. Smooth all concavities and holes with one or two additional movements. If necessary, you can add more ready for use mixture. If necessary, polish the layer with a fine sandpaper after hardening. Polish protruding bumps carefully, and fill concave zones with a putty-knife and ready for use mixture, and repeat the procedure.

3) To reach a smooth, mirror-like surface, lay a third layer with thin consistence and skim the whole surface.

### Special notes:

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- ✓ 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

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- ✓ 10 kg paper bags. 60 bags in a pallet. Pallet weight 600 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 6 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:

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- ✓ 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.

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