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# SMARTBAT smart solution

### SMARTBAT TECHNICAL SHEET



semi-lightweight render for protecting and decorating façades











### S-PRO











### **DESCRIPTION**

**S-PRO** is a semi-lightweight wall covering based on natural lime, tinted in the mass, ensuring both decoration, waterproofing and protection of the masonry.

S-PRO can be used indoors and outdoors on any type of new or old support.



**S-PRO** is a single-layer coating used on the interior and exterior vertical walls of raw or coated masonry, adheres to all types of supports without primer (undercoat), effective for straightening and leveling the support, guaranteed insulation and waterproofing as well as the decoration of facades with a variety of colors and finishing aspects (scraped, floated, smoothed).

**S-PRO** can be applied manually, with a plastering machine (tyroline) or with a PFT type plastering machine or similar, in one or two coats from bottom to top up to 10 mm thick with optimal adhesion on all types of supports (stones, concrete, concrete blocks, bricks, etc.)

**S-PRO** saves considerable time, thanks to its ease of application and its adaptation to different supports.



The product application steps are like that:

- 1 Dilute the 25 kg bag in 6 liters of clean water.
- 2 Mix for 5 minutes until you obtain a dough without lumps.
- 3 Clean the application area, dust and remove all traces of oil or grease.
- **4** Spray the mixture from bottom to top in two layers up to 10 mm thick or in a single layer if the support is well cared for.
- **5** Frame the support using a ruler or a knife with horizontal and vertical passes until a flat surface is obtained.

The treated surfaces can remain raw or covered with all types of paint. The **S-PRO** coating allows you to achieve, after a few hours, the following finishes: Scraped, Floated or Smoothed.

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## **COMPOSITION**

- **S-PRO** is composed of:
- Natural lime,
- Selected sands,
- Specific additives,
- Mineral pigments, and
- Mineral/natural fibers.

### CONDITION **STORAGE**

S-PRO is available in a paper bag designed according to packaging standards to protect the product against any contact likely to alter the desired quality. Each bag contains 25 kg of powder. The product remains valid for 36 months from the date of its manufacture. It must be preserved in its original packaging (unopened) protected from humidity and without direct contact with the ground.

### RECOMMENDATIONS PRECAUTIONS OF **EMPLOYMENT**

S-PRO must be used without adding any other product.

- It is preferable to moisten the support before application.
- The application must be carried out after the bricks have been joined.
- For use only on vertical surfaces.
- Paints must be applied after the coating has hardened.
- It is recommended to use gloves and protective glasses.
- In case of contact with eyes, rinse with water and consult your doctor.

### **FEATURES TECHNIQUES**

Granulometry	1 mm
Volumic mass	1440 kg/m <sup>3</sup>
Compressive strength	CS IV 6.2 (N/mm²) 28 D
Capillary water absorption	W1 (0.35 kg/(m².min <sup>0.5</sup> ))
Mixing water	Between 35 % and 40 %
Maximum application thickness	Unlimited
Yield	1 kg/m² thickness 3mm
Drying time	From 18-24 h
Working temperature	Between 5 °C and 35 °C
Recovery time	24 hours
Reaction to fire	Class A1 : incombustible

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