



## ATLAS PLASTERING MIX

### traditional cement plaster, category III

- for plastering of walls made of ceramic, silicate brick, cellular concrete, concrete hollow blocks
- increased bonding
- plasticized, easy to apply
- layer thickness 6-30 mm
- plastering of walls and ceilings



### Use

Double coat plaster, category 0-III – plaster can be applied in two coats: base coat and finish coat (which can be additionally coated with top finish made of cement mortar ATLAS REKORD).

Suitable for manual application.

**Types of substrates** – ceilings and walls made of bricks, blocks, hollow blocks and other similar ceramic or silicate materials; concrete, cellular concrete, cement chip-boards, cement and cement-lime plasters.

### Properties

ATLAS PLASTERING MIX is manufactured as a dry mix of high quality cement binder, quartz fillers and improvers.

**High compressive strength:** category CS II (1,5 ÷ 5,0 N/mm<sup>2</sup>).

**Mortar can be supplemented with anti-frost agents for application in low temperature, below +5°C** – extended range of mortar application temperature, the method of application (especially adjustment of mix water) and mortar setting conditions must be set according to the guidelines of the additive manufacturer. The amount of the anti-frost agent depends on the content of cement in the mortar – the ratio cement/fillers in ATLAS PLASTERING MIX is 1:4.

**Caution.** The manufacturer of the mortar does not bear responsibility for the result and the quality of the anti-frost agents used.

### Technical data

Bulk density (of dry mix)	approx. 1.6 kg/dm <sup>3</sup>
Mix ratio (water/dry mix)	0,13-0,16 l / 1 kg 3,25-4,0 l / 25 kg 3,9-4,8 / 30 kg
Min./max. plaster thickness	6 mm / 30 mm
Mortar preparation temperature, substrate and ambient temperature during work	from + 5 °C up to + 30 °C
Maturing time	approx. 5 minutes
Pot life	approx. 4 hours

### Technical requirements

ATLAS PLASTERING MIX conforms to PN-EN 998-1 standard - plastering mortar with specific properties manufactured in the plant, general purpose GP, for indoor and outdoor use, on walls, ceilings, posts and partition walls.

<b>CE</b>	
19 Declaration of Performance 006-1/2/CPR. EN 998-1:2016 (PN-EN 998-1:2016-12)	
Intended use: for external ceilings walls and posts, for walls, ceilings, posts and partition walls.	
Reaction to fire	A1
Water absorption	W <sub>c</sub> 1
Water vapour permeability	μ ≤ 30
Adhesion	0.3 N/mm <sup>2</sup> - FP:B

The product has been given the Radiation Hygiene Certificate.

## Plastering

### Substrate preparation

The substrate should be dry, stable, even and structurally sound, i.e. strong enough, free from layers, which would impair the mortar bonding, in particular dust, dirt, lime, oil, grease, wax, remains of anti-adhesion agents and paints. Hook off poorly bonded elements and remove loosened layers with a steel brush. Edges of joints between cement chipboards should be reinforced with strips of stainless steel mesh. Protect the corners and edges of window and door reveals with galvanized steel profiles. If necessary, use ATLAS UNI-GRUNT priming emulsion to reduce substrate excessive absorption.

### Mortar preparation

Pour the mortar from the bag into a clean container with the suitable amount of water (see Technical Data for ratio) and mix using a mixer with a drill (or in cement mixer) until homogenous. Leave the mortar to rest for 5 minutes and remix. The mortar is ready to use directly after mixing and should be used up within approx. 4 hours.

### Plaster application

Apply the plaster in two coats. In order to obtain even surface, use plastering beads which are installed mechanically or embedded in the mortar (mesh beads). The first phase is application of the base coat. When the first coat initially sets (but not hardens completely), apply the finish coat. In both stages, the plaster should be applied evenly with a trowel. Collect excess of mortar with a polystyrene or wooden float and put back into the container. Fresh surface can be levelled with a feather edge supported on the plastering beads.

### Plaster floating

Time of floating has to be determined experimentally in order to avoid excessive plaster drying. Floating is usually carried out after application of an additional thin mortar coat, corresponding to the mortar grain size. Finishing works must be carried out in accordance to the plastering technology, with tools suitable for the expected finish effect and the intended use of plaster. If plaster is the substrate for ceramic cladding, it should be coarsely finished or not floated at all. When plaster is to be coated with gypsum top finish, it should be floated with polystyrene float.

### Maintenance

Ensure appropriate room ventilation during drying. Protect plasters applied outdoors from drying too quickly, e.g. by sprinkling them with water.

### Painting

Plasters can be painted with any façade paints (e.g. ATLAS SALTA, ATLAS SALTA S, ATLAS SALTA E, ATLAS SALTA N or ATLAS SALTA N PLUS). Painting is possible 2 ÷ 6 weeks after the completion of plaster application (depending on the type and colour of the paint). Painting with ATLAS SALTA S can start just when the plaster dries, not earlier than after three days.

## Consumption

One 25 kg bag - 1.3 ÷ 1.4 m<sup>2</sup> of 10 mm thick plaster.

## Packaging

Paper bags 25 kg

## Important additional information

- Adjust the ratio of added water experimentally (keeping the ratio listed in the Technical Data section), following desired consistency of the mortar, type of substrate and weather conditions. Inappropriate amount of mix water results in deterioration of product performance.
- Tools must be cleaned with clean water directly after use. Difficult to remove residues of the set mortar can be removed with the ATLAS CONCENTRATED AGENT FOR TOUGH CEMENT DEPOSITS.
- Contains cement. May cause respiratory irritation. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. Keep out of reach of children. Avoid breathing dust. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or a rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Follow the instructions of the Safety Data Sheet.
- The mortar must be transported and stored in tightly sealed bags, in dry conditions (most preferably on pallets). Protect against direct sunlight, Protect against humidity. Store in a dry, cool and well-ventilated room, away from incompatible materials (see section 10 of the Safety Data Sheet), beverages and food. Protect against moisture - the product hardens irreversibly when exposed to moisture. Under the above conditions, no adverse interactions are known. The storage period of the mortar in conditions in accordance with the specified requirements is up to 12 months from the production date shown on the packaging. The content of soluble chromium (VI) in the finished product mass ≤ 0.0002%.

*The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations. At the time of publication of this product data sheet all previous ones become void.*

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