



ATLAS REKORD white cement top finish

- based on white cement
- for finishing walls and ceilings
- on typical mineral substrates
- contains fine aggregate – up to 0.2 mm
- reinforced microfibers



Use

Smooths the surface of walls – the use of aggregate of diameter up to 0.2 mm enables highly smooth finish forming.

Enables smoothing thin-coat plasters – applied on either traditional plasters or on thermal insulation layers (is not an element of thermal insulation systems).

Improves the quality of damaged cement and cement-lime plasters as well as concrete substrates.

Used as the third, finish coat of freshly applied plasters.

Types of substrates – cement and cement-lime plasters, concrete.

Properties

White colour – based on fine white type of cement, perfectly replaces gypsum top finishes in places, where they can be exposed to damage - on external walls and in wet rooms.

Resistant to micro-cracks – contains special microfibres, which reinforces its structure.

Hydrophobic – the content of hydrophobic agents reduce the absorbability, but does not limit the water vapour permeability.

Technical data

ATLAS REKORD is manufactured as a dry mix of white cement, improvers and quartz fillers of 0.2 mm maximum grain size.

Bulk density (of dry mix)	approx. 1.25 kg/dm ³
Mass bulk density (after mixing)	approx. 1.3 kg/dm ³
Dry density (after setting)	approx. 1.3 kg/dm ³
Mixing ratio (water/dry mix)	0.28 ÷ 0.32 l/1 kg 7.00 ÷ 8.00 l/25 kg
Min./max. plaster thickness	1 mm / 10 mm
Mortar preparation temperature, substrate and ambient temperature during work	from +5°C to +25°C
Maturing time	approx. 5 minutes
Pot life	approx. 2 hours
Open time	approx. 25 minutes

Technical requirements

ATLAS REKORD conforms to PN-EN 998-1 standard. EC Declaration of Performance No. 025/CPR.

CE ⁰⁷⁶⁷	PN-EN 998-1:2012 (EN 998-1:2010)
Factory made, one coat plastering mortar (OC)	for outdoor use, on masonry walls, ceilings, posts, partition walls
Reaction to fire - class	A1
Water absorption – category	W1
Bonding after required freeze-thaw cycles	≥ 0.3 N/mm ² - FP:B
Water vapour permeability coefficient (tabular value μ)	15/35 (EN 1745:2002 tab. A.12)
Thermal conductivity coefficient (average tabular value P=50%)	0.83 W/mK (λ _{10, dry}) (EN 1745:2002 tab. A.12)
Gross dry mortar density	≤ 1800 kg/m ³
Durability. Bonding after required freeze-thaw cycles	≥ 0.3 N/mm ² - FP:B
Durability - water permeability after required freeze-thaw cycles	≤ 1 ml/cm ² after 48 h
Release/content of hazardous substances	See: Safety Data Sheet

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. Hack off poorly bonded elements and remove loose pieces with a steel brush. Edges of joints between cement chipboards should be reinforced with strips of stainless steel mesh. Prior to application the substrate should be intensively wet and kept matt-wet during application. 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. 2 hours.

Plaster application

Apply the mortar evenly with a steel float. Smooth the applied mass as plastering progresses. It is advisable to fill any large substrate defects before the application of the finish coat. The surface can be finished by light floating with a felt float or with sand paper after drying. Open time of the mass (between mortar application and floating) depends on substrate absorptivity, ambient temperature and mortar consistency.

Maintenance

Plaster applied indoors - avoid draughts and ensure appropriate room ventilation and airing. Plaster applied outdoors - protect from drying too quickly and precipitation (during and just after application).

Painting

Plasters can be painted with any façade paints (e.g. silicate ATLAS ARKOL S, ATLAS SALTA S, silicone ATLAS SALTA, ATLAS FASTEL-NOVA, ATLAS SALTA N, acrylic ATLAS SALTA E, ATLAS ARKOL E). Painting is possible after 2 ÷ 6 weeks since the completion of plaster application (depending on the type and colour of the paint). Painting with ATLAS silicate paints ATLAS ARKOL S and ATLAS SALTA S or ATLAS silicone paints ATLAS SALTA and ATLAS FASTEL NOVA can start just when the plaster dries, not earlier, however, than after 48 hours (silicate paint) or 5 days (FASTEL NOVA and SALTA). The application of ATLAS WODER type waterproofing can commence just after 2 days.

Consumption

The average consumption is approx. 1.5 kg of mix/ 1 m² / 1 mm of coat thickness.

Important additional information

- Adjust the ratio of added water experimentally (keeping the ratio listed in the Technical Data section), following the desired consistency of the mortar, type of substrate and weather conditions. Inappropriate amount of mix water results in deterioration of strength parameters of the plaster.
- Avoid application in strong sunlight.
- Protect the surfaces surrounding the worksite from soiling.
- Tools must be cleaned with clean water directly after use. Difficult to remove residues of the set mortar can be removed with the ATLAS SZOP agent.
- 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 humidity. Shelf life in conditions as specified is 12 months from the production date shown on the packaging. Content of soluble chromium (VI) in ready-to-use mix - ≤ 0.0002%.

Packaging

Paper bags: 25 kg

Pallet: 1,050 kg in 25 kg bags

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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