



ATLAS REKORD

white cement top coat

- reinforced with microfibres
- contains fine aggregate up to 0.2 mm
- moisture resistant
- on white cement



Properties

ATLAS REKORD is produced as a dry mixture of white cement, additives and quartz fillers with a maximum grain size of 0.2 mm.

White colour - it is produced on the basis of a white noble variety of cement, and is an excellent replacement for gypsum finish in areas where it may be exposed to damage, i.e. on external walls and in wet rooms.

Resistant to microcracking - it contains special microfibres, further strengthening its structure.

Hydrophobic - the content of hydrophobic agents reduces absorption without reducing its vapour permeability.

Purpose

Smooths wall and ceiling surfaces - the use of aggregate with a diameter of up to 0.2 mm produces a very smooth surface.

Allows smoothing of thin-coat renders – made on traditional plasters

Improves deteriorated cement and cement-lime plasters and concrete substrates.

It provides a third, smoothing layer for newly applied plasters.

Substrate types - cement and cement-lime plaster, concrete.

Technical data

Bulk density (dry mix)	approx. 1.25 kg/dm ³
Mixing ratio	0.28-0.32 l / 1 kg
water / dry mix	7.0-8.0 l / 25 kg
Min. / max. render thickness	1 mm / 10 mm
Mortar preparation temperature of the substrate and ambient temperature during the work	from + 5 °C to + 25 °C
Maturation time	approx. 5 minutes
Pot life	approx. 2 hours
Open time	approx. 25 minutes

The times shown in the table are recommended for application conditions at approx. 20 °C and 50-60 % humidity.

Technical requirements

ATLAS REKORD complies with the requirements of EN 998-1 - single coat plastering mix (OC) manufactured in-house, for external use on masonry walls, ceilings, columns and partition walls.

ATLAS REKORD (2020) Declaration of performance No. 025/3/CPR EN 998-1:2016	
Intended use: for external walls, ceilings and columns	
Reaction to fire	A1
Water absorption	IN 1 _c
Water permeability after seasoning cycles	≤ 1 ml/cm ² after 48 h
Water vapour permeability	μ < 30
Adhesion after seasoning cycles	0.3 N/mm ² - FP:B

Rendering

Substrate preparation

The substrate should be dry, stable, even and load-bearing, i.e. sufficiently strong, cleaned from all layers that could impair mortar adhesion, especially from dust, dirt, lime, oil, grease, wax, oil and emulsion paint residues. Weakly bonded parts of the surface should be chipped, while loose or saggy parts should be removed with a steel brush. Before applying top coat, the substrate should be pre-wetted intensively and made damp during application. If there is a need to reduce the absorbency of the substrate, the use of one of the emulsions is recommended:

- ATLAS GRUNT NKP (ready to use - without dilution),
- ATLAS UNI-GRUNT.
- ATLAS UNI-GRUNT COLOUR,
- ATLAS UNI-GRUNT ULTRA.

Mortar preparation

Pour the material from the bag into a clean vessel with a measured amount of water (proportions given in the Technical Data) and mix with a slow speed mixer with a mortar mixer (or in a concrete mixer) until a uniform consistency is obtained. Set the mixed mortar aside for 5 minutes and mix again. The mortar is suitable for use immediately after mixing and should be used within approximately 2 hours.

Application of render

The mortar should be applied evenly with a steel trowel. The applied mortar should be smoothed as the work progresses. It is recommended to fill any major defects in the substrate before the smoothing work. The surface with top finish may be finished by light trowelling with a felt trowel or by rubbing it with sandpaper after it has dried. The open time of the compound (between application of the mortar and trowelling) depends on the absorbency of the substrate, ambient temperature and consistency of the mortar.

Care

When drying mortar applied indoors, avoid draughts and ensure proper ventilation and airing of the rooms. Protect external surfaces from excessive drying and precipitation (during and immediately after application).

Painting

Rendered substrates can be painted with any facade paints (e.g. ATLAS SALTA product line). The commencement of painting works is possible after the lapse of 2÷6 weeks from the completion of rendering (depending on the type and colour of paint). Only painting with silicate paint ATLAS SALTA S can be started after the render has dried out, however, not earlier than after 48 hours. Application of waterproofing of ATLAS WODER type can be carried out after 2 days.

Consumption

On average, 1.5 kg of mortar is used per m² of surface, with a layer thickness of 1 mm.

Packaging

25 kg paper bags.

Safety information

Safety information is given on the product packaging and in the Safety Data Sheet, available at www.atlas.com.pl.

Storage and transport

Information on storage and transport is given on the product packaging and in the Safety Data Sheet, available at www.atlas.com.pl.

The shelf life of the product (best before use) is 12 months from the production date on the packaging.

Important additional information

The proportion of water added should be adjusted experimentally, taking into account the desired consistency of the mortar, the type of substrate and weather conditions. The use of an inappropriate amount of water for the preparation of the mix leads to a reduction in the strength parameters of the render.

Avoid applying to surfaces in strong sunlight.

The surfaces around the work area must be protected from contamination.

Clean the tools with clean water, immediately after use. Difficult to remove residues of the set mortar are washed off with ATLAS CEMENT AWAY.

The information contained in this Technical Data Sheet is a basic guideline for the use of the product and does not relieve the user of the obligation to carry out the work in accordance with the rules of the art of construction and safety regulations. With the issue of this Technical Data Sheet, all previous ones are no longer valid. Documents accompanying the product are available at www.atlas.com.pl.

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Update date: 2023-03-24