



ATLAS TRO

- high adhesion to the substrate
- increases the adhesion of renovation plasters
- application also on saline walls
- for manual and mechanical application



FROST
AND WATERPROOF



FOR INTERIOR
AND EXTERIOR USE



APPLY
WITH A TROWEL



APPLY
WITH A FLOAT

Properties

ATLAS TRO is a factory-prepared dry mix produced from the highest quality mineral binders, additives and modifiers, as well as trass and quartz fillers.

High adhesion to damp substrates, required under ATLAS TRP, ATLAS TR and ATLAS TRB plaster.

It works perfectly with historic mortars used to erect buildings undergoing restoration - thanks to a specially selected formulation.

Suitable for manual or machine application with a plastering unit.

Purpose

ATLAS TRO renovation scratch coat is designed to provide a bonding layer prior to the application of the ATLAS renovation plaster system and other plaster coatings.

Recommended for use in historic buildings and other structures for the restoration of damp and saline walls.

Reduces corrosive phenomena, achieves dry building wall surfaces.

For indoor and outdoor use.

Technical data

Mixing ratio water / dry mix	approx. 5.5 l / 25 kg
Temperature of mortar preparation, substrate and ambient during the work	from + 5 °C to + 30 °C
Pot life	approx. 2 hours
Porosity	> 45 %
Maximum layer thickness	5 mm
Water penetration	≤ 5 mm

Technical requirements

ATLAS TRO meets the requirements of EN 998-1:2016 - Renovation plaster mortar, with specified properties, manufactured in the factory (R), for manual or mechanical application, for use inside and outside, on walls, ceilings, columns and partition walls.

ATLAS TRO (2020) Declaration of Performance No. 240/CPR EN 998-1:2016	
Intended use: - for external walls, floors and columns - for walls, ceilings, columns and partitions.	
Reaction to fire	A1
Water absorption	IN _c 1
Water vapour permeability	μ ≤ 15
Adhesion	0.3 N/mm ² - FP:B

Layer arrangement

Before working on the application of the restoration plaster system, it is recommended to determine the degree of salinity of the substrate, which determines the layout and thickness of the individual layers - see table.

ATLAS RENOVATION PLASTER SYSTEM		
Degree of salinity	Recommended layering	Layer thickness [mm]
low	ATLAS TRO - renovation scratch coat	≤ 5
	ATLAS TR - renovation plaster	≥ 20
average	ATLAS TRO - renovation scratch coat	≤ 5
	ATLAS TR - renovation plaster (layer I)	10 ÷ 20
	ATLAS TR - renovation plaster (layer II)	10 ÷ 20
high	ATLAS TRO - renovation scratch coat	≤ 5
	ATLAS TRP – base coat renovation plaster	≥ 10
	ATLAS TR - renovation plaster	≥ 15

Substrate preparation

Moist and salty plaster should be removed to a height of approximately 80 cm above the line of salinity and/or dampness. Mortar should be removed from the joints to a depth of up to approximately 20 mm. The exposed wall surface should then be cleaned of dust, salt efflorescence, mortar residues and poorly adhered masonry fragments. Remove and dispose of demolition materials. Refill the excavated joints with ATLAS TRP base coat renovation plaster.

Plastering

Preparing the edging

Pour the contents of the bag into a vessel with the measured amount of water (proportions given in the Technical Data table) and mix with a slow-speed mixer with a mortar mixer until a uniform consistency is obtained. Allow the mixed mortar to stand for 5 minutes and mix again. The plaster prepared in this way should be used within about 2 hours. The plaster can also be prepared and applied with plastering units.

Applying the rough cast

Moisten the substrate with water. On a dull damp substrate, apply the render in an even layer up to 5 mm thick, creating an openwork structure covering a maximum of 50 % of the substrate surface. The resulting surface should not be levelled or trowelled. Once the roughcast has hardened, after approx. 24 hours, you can apply ATLAS TRP base coat renovation plaster. During the drying time of the render inside the building, ensure adequate ventilation of the rooms, while outside the building protect the render from drying too fast.

Consumption

The average consumption is approx. 5 kg per 1 m², with a layer thickness of 5 mm and a coverage area of 50%.

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

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

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