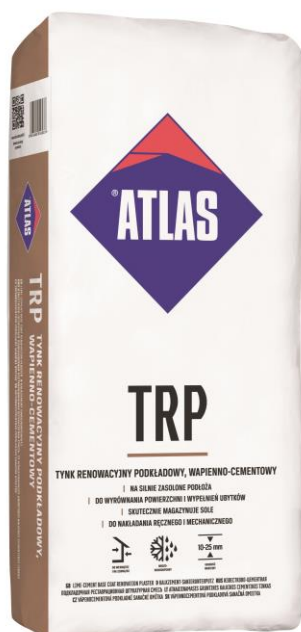




ATLAS TRP

lime-cement base coat renovation plaster

- for very saline substrates
- base coat underneath renovation plaster
- for levelling surfaces and filling cavities
- complies with instruction sheet 2-09-04
- effectively accumulates salts
- contains trass
- for manual and mechanical application



FOR INTERIOR
AND EXTERIOR USE



FROST
AND WATERPROOF



10-25mm
LAYER
THICKNESS

Properties

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

Contains hydrophilic additives for effective capillary transport of water from the substrate to the evaporation zone - prevents contamination of the original restoration plaster when applied to a highly saline substrate.

Very high degree of porosity - at the application stage the plaster has a high capacity to store crystallising salts.

Excellent vapour permeability - high pore content and suitable pore structure allow moisture to evaporate freely and the substrate to dry quickly.

Contains lightweight fillers.

Resistance to water-soluble salts.

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

Suitable for manual or machine application.

Meets the requirements of Instruction 2-9-04.

Purpose

ATLAS TRP is intended to be used for the execution of undercoat renovation plasters with a thickness of 10 to 25 mm on damp partitions, inside and outside buildings.

It is recommended for use in historic buildings and other structures for the restoration of damp and saline walls.

Reduces corrosion phenomena, enables effective capillary transport of water from the substrate to the evaporation zone.

Recommended for substrates with a high salinity level.

It can be used for the renovation of large surfaces, local repairs and filling cavities.

Provides a levelling layer underneath the renovation plaster - enables an even thickness of ATLAS TR renovation plaster.

Technical data

Density of freshly prepared, properly aerated mortar	1570 kg/m ³
Mixing ratio water / dry mix	4.00-4.50 l / 25 kg
Temperature of mortar preparation, substrate and ambient during the work	from + 5 °C to + 30 °C
Pot life	approx. 2 hours
Minimum layer thickness	10 mm
Maximum layer thickness	25 mm
Water penetration	≤ 5 mm
Porosity of the set mortar	> 45 %
Air pore content of fresh mortar	> 20 %

Technical requirements

ATLAS TRP 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 interior and exterior use on walls, ceilings, columns and partition walls.

ATLAS TRP (2020) Declaration of Performance No. 241/CPR EN 998-1:2016	
Intended use: - for external walls, ceilings and columns - for walls, ceilings, columns and partitions.	
Reaction to fire	A1
Water absorption	$\geq 0.3 \text{ kg/m}^2$ after 24 h
Water vapour permeability	$\mu \leq 15$
Adhesion	0.3 N/mm^2 - FP:B

Layering selection

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 rough cast	≤ 5
	ATLAS TR - Restoration plaster	≥ 20
average	ATLAS TRO - Renovation rough cast	≤ 5
	ATLAS TR - Restoration plaster (layer I)	$10 \div 20$
	ATLAS TR - Restoration plaster (layer II)	$10 \div 20$
high	ATLAS TRO - Renovation rough cast	≤ 5
	ATLAS TRP - primer plaster for renovation	≥ 10
	ATLAS TR - Restoration plaster	≥ 15

Substrate preparation

The surface to which renovation plaster is to be applied must be rough and porous for good adhesion.

Damp 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 20 mm. The exposed wall surface should then be cleaned of dust, salt efflorescence, mortar residues and poorly adhered masonry fragments. Remove the demolition material from the site and dispose of it. Replenish the excavated joints and cavities with ATLAS TRP renovation primer.

Moisten the dry substrate with water and apply a coat of ATLAS TRO Renovation Render. The rough cast should be applied in an open-work layer approx. 5 mm thick, covering up to 50% of the substrate surface.

Plastering

Plaster preparation Pour the contents of the bag into a vessel with a measured amount of water (proportions given in the Technical Data) 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 mortar thus prepared should be used within approx. 2 hours. The mortar can also be prepared and applied with plastering units.

Application of plaster

The plaster should be applied manually or mechanically, on the suitably hardened ATLAS TRO roughcast layer after approx. 24 hours. Remove excess material with a patch. The minimum plaster thickness is 10 mm and it should be kept on the whole surface. Do not trowel the plaster. After the initial setting, scrape in order to obtain the roughest surface possible, providing optimum adhesion for the following coat (i.e. ATLAS TR renovation plaster). Ensure adequate ventilation of the rooms during drying of the interior plaster. Protect external plasters from drying too quickly.

Consumption

On average, approximately 12 kg of mortar is used at 2 m^2 with a layer thickness of 10 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

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 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.

The contents of the Technical Data Sheet and the designations and trade names used therein are the property of Atlas Ltd. Their unauthorised use will be sanctioned.

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