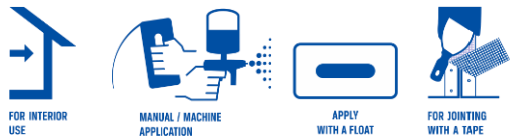




ATLAS GTA

extra white polymer top finish

- perfectly white, perfectly smooth
- roller application - easy, even and rapid application without splashing
- ideal consistency for application and top coat shaping
- dust-free - clean and safe wet sanding
- for manual and mechanical sanding



Properties

ATLAS GTA is produced as a mass based on resin binders, mineral fillers and modifying additives.

Perfectly white, perfectly smooth - selected snow-white mineral fillers of optimum grain size enable a very smooth surface without corrections-

Optimum consistency for application and profiling - special selected rheological parameters allow easy application with trowel, roller and aggregate. The top finishing coat profiles perfectly and achieves a smooth surface from the first application.

Fast roller application - the unique consistency and extended open time allow comfortable roller application in a short time. The top finish coat distributes evenly and does not splash.

Durable and flexible - the flexible polymer bonds provide high adhesion and resistance to cracking of the putty surfaces.

All levels of gypsum putty: PSG1(Q1), PSG2(Q2), PSG3(Q3), PSG4(Q4).

Safe 'wet-on-wet' second coat application - reduced lead time and minimal risk of blistering.

Wet processing - Wet sanding produces a smooth, dust-free surface and allows renovation work to be carried out quickly and cleanly.

For manual and mechanical sanding - the hardness achieved allows the surface to be easily worked, both manually and mechanically.

Purpose

Making top finish coat - on the surface of walls and ceilings, indoors.

Full-surface mudding of plasterboard.

Jointing gypsum plasterboard using reinforcing tapes.

TYPE OF FINISHING LAYERS	
paint coatings	+
wallpaper	+

TYPES OF SUBSTRATES	
concrete	+
cement and cement-lime plasters	+
gypsum plasters	+
gypsum plasterboards	+

TYPES OF FACILITIES	
housing construction	+
public, educational, office and healthcare buildings	+
commercial and service construction	+

Technical data

Max. layer thickness	3 mm
Temperature of the compound preparation and of the substrate and surroundings during the work	from +5 °C to +25 °C
Room humidity during the work	up to 70%
Drying time* (layer thickness 1 mm)	up to 6 hours

*) - applies to T=20° C, relative humidity 60%

Technical requirements

ATLAS GTA meets the requirements of EN 15824:2017-07 and EN 13963:2008.

ATLAS GTA (2022) Declaration of performance No. 175/2/CPR	
EN 15824:2017 Intended use: for internal walls, ceilings, columns and partitions	
Adhesion	0.3 MPa
Reaction to fire	A1
EN 13963:2005 EN 13963:2005/AC:2006	
Intended use: building construction	
Reaction to fire (with direct exposure)	A1
Flexural strength	350 N

The flexural strength value (350 N) applies when ATLAS GTA is used together with the jointing tape Q FOLATAPES (ITB-KOT-2020/1537 edition 1).

ATLAS GTA complies with the requirements of EN 13963 - 3A - dual purpose joint compound, for jointing plasterboard with tape and as a finishing coat, for manual application inside buildings, with long setting time.

Top finishing work

Substrate preparation

The substrate should be:

load-bearing, air-dry seasoned - the seasoning time for substrates is assumed to be

- 1 week per cm thickness for new gypsum plaster (e.g. ATLAS SOLARIS), cement and cement-lime plaster,
- 28 days for concrete walls and floors.

The above data are for standard conditions (20° C and 55% Rh). Under other conditions these times may change.

cleaned - from layers that may impair the adhesion of the top finish, especially from dust, dirt, lime, oil, grease, wax, paint residues and release agents,

primed - in case of excessive absorbency of the substrate with one of the emulsions:

- ATLAS GRUNT NKP (ready to use - without dilution),
 - ATLAS UNI-GRUNT or ATLAS UNI-GRUNT COLOR,
 - ATLAS UNI-GRUNT ULTRA,
- covered with a bonding layer - when the substrate has low absorption or a smooth surface (e.g. concrete floors and walls):
- ATLAS GRUNTO-PLAST,
 - ATLAS ULTRAGRUNT.

Preparation of the mass

The compound is ready to use in case of manual application. When applied by roller or mechanical application, the mass may be diluted with up to 2% pure water. Mix immediately before use. Use mixers that do not cause aeration of the mass.

Top finish application

Roller application

Apply the compound using a roller with a minimum 11 mm pile, spreading it evenly over the substrate. Smooth the applied layer with a stainless steel float.

Trowel application

The compound should be applied evenly with a stainless steel float, pressing down on the substrate. Do not exceed the maximum layer thickness.

The next layer of compound can be applied in two ways:

- on the pre-bonded previous layer when the surface is dull-moist which is usually after approx. 2 hours at 20 °C and 55 % humidity, this time may be reduced in the case of an absorbent substrate).
- after the previous layer has hardened, the surface should be moistened with water before application, which will minimise the occurrence of bubbles during application.

Mechanical application

The following units are recommended for mechanical application (the unit's main filter must be removed).

Aggregate	Nozzle	Pressure
WAGNER PS 3.39	531, 533, 535	Maximum pressure working
WAGNER HC 950	531, 533, 535	
GRACO T-MAX 506	541, 551	
GRACO MARK VII	531, 533	
GRACO MARK X	531, 533	

Grinding

Sanding should be carried out after the surface is completely dry, either manually or mechanically, using sandpaper or grits. A gradation of #150-220 is recommended.

Dust-free surface treatment

Dust-free surface treatment can be carried out after the finish coat has hardened. The surface to be worked should be moistened with water using a sprayer and trowelled in circular motions using a rubber sponge float until the surface has the desired smoothness.

Grouting - with tape

Apply the compound directly into the space between adjacent panels, aiming to fill it completely. After the initial setting, apply a thin layer of the compound and apply the reinforcement tape. The tape should be pressed down so that it adheres precisely and without folds. Then cover the surface of the tape with a thin layer of the compound and allow it to harden.

The compound is also suitable for filling the heads of screws used to fix the panels.

Finishing work

Before starting the finishing work, the surface of the top finish must be sufficiently dry and cleaned of sanding dust. Painting and wallpapering must be preceded by priming the substrate in accordance with the paint or wallpaper manufacturer's recommendations.

The following can be used to paint the smoothness:

- acrylic paints, e.g. ATLAS ecoFARBA
- latex, e.g. ATLAS optiFARBA, ATLAS proFARBA.

Consumption

Top finish: On average, approx. 1.0 kg of compound is used per 1 m² per coat, depending on the thickness applied and the quality of the substrate.

Plasterboard jointing: on average about 0.5 kg is used per 1 m of plasterboard jointing. (consumption depends on the thickness and the shape and profiling of the plasterboard edges).

Packaging

Plastic containers 18 kg.

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

The product should be stored at temperatures ranging from +5°C to +35°C. Short-term freezing or overheating of the product during transport is permissible.

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 date of manufacture on the packaging.

Important additional information

Storing or transporting under improper conditions may cause sedimentation or the formation of lumps. Minor changes in application parameters can be expected while maintaining its usability properties.

If the product in the packaging freezes, it should be left at room temperature until completely thawed, and then thoroughly mixed using a ribbon mixer, such as ATLAS TWIST. The inability to achieve a homogeneous mass disqualifies the product for use.

It is not permissible to store the product in a frozen state. In the event of non-compliance with the above provisions, any warranty claims will not be considered.

Note: Stacking pallets is prohibited. Stacking pallets with the product on top of each other risks losing the stiffness of the packaging, overturning of the pallets, which endangers the health and life of people nearby, and the destruction of the goods.

It is natural for the paste to stratify in the packaging (release of liquid) during storage. The mass should be stirred to an even consistency before use.

During the work, care must be taken not to contaminate any material remaining in the packaging, as this may impair its performance. Any unused material remaining in the packaging should be secured with foil and the packaging sealed tightly. Material undiluted with water can be used until the expiry date.

Depending on the contractor's preference, it is possible to colour the mass with pigment. The recommended colour is FOX DEKORA- TOR pigment in the colour of Loft concrete in the quantity of 40 ml/18 kg of ATLAS GTA top finish coat. A top finish coat prepared in this manner allows better control of the drying progress and identification of sanded areas.

Top finish must not be carried out on substrates exposed to direct moisture.

It is not advisable to carry out top finish in rooms with a relative humidity exceeding 70% for a long period of time.

During the work and while the plaster is drying, it must not be exposed to draughts and strong sunlight.

Tools should be cleaned with clean water, immediately after use.

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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