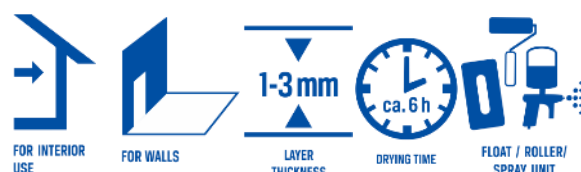




## ATLAS RAPID

### ready-mixed polymer finishing coat

- snow white - makes painting easier
- flexible and crack-resistant
- perfectly smooth surface
- easily applied and sanded
- drying time approx. 6 hours
- layer thickness up to 3 mm
- for application by trowel, roller or sprayer



### Properties

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

**Can be applied very thinly** - allows the amount of material to be adjusted to the properties of the substrate.

**Very fine grain size** - allows a perfectly smooth surface, providing an excellent substrate for painting and wallpapering.

**High adhesion to the substrate** - achieved through polymer content.

**Flexible and crack-resistant** - the layer of hardened material is resistant to cracking, both during the setting and drying of the smooth as well as during its use.

**Easy to paint** - the uniform, snow-white colour of the surface of the plasterboard makes it easier to paint, lowering both paint consumption and the costs.

**Convenient to use** - supplied ready-to-use, which makes it possible to leave unused compound in its original packaging and use it at a later date, throughout its shelf life of up to 12 months from the date of manufacture.

**The thixotropic effect facilitates application** - the material liquefies under trowel pressure and is easier to spread over the surface.

#### Suitable for manual or machine application:

- does not run off tools during manual application,
- without the need to add water during mechanical application.

### Use

| TYPE OF WORK CARRIED OUT               |                  |
|----------------------------------------|------------------|
| Thin-coat finishing                    | +                |
| Preliminary levelling of the substrate | Use<br>ATLAS GTA |
| Small unevenness filling               | Use<br>ATLAS GTA |
| Joint filling with tape embedding      | Use<br>ATLAS GTA |
| plasterboard skimming                  | +                |
| Plasterboard finishing standard        | Q3-Q4            |

| TYPE OF FINISHING LAYERS |   |
|--------------------------|---|
| paint coatings           | + |
| wallpaper                | + |

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

| TYPES OF FACILITIES                                  |   |
|------------------------------------------------------|---|
| dwelling buildings                                   | + |
| public, educational, office and healthcare buildings | + |
| commercial and service buildings                     | + |

## Technical data

|                                                                                               |                                   |
|-----------------------------------------------------------------------------------------------|-----------------------------------|
| Max. layer thickness                                                                          | 3 mm                              |
| Temperature of the compound preparation and of the substrate and surroundings during the work | +5°C to +25°C                     |
| Room humidity during the work                                                                 | up to 70%                         |
| Drying time*                                                                                  | approx. 6 h<br>(1 mm thick layer) |

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

## Technical requirements

ATLAS RAPID meets the requirements of EN 15824:2017-07 - dispersion interior plaster, water-dilutable (polymer top finish) for interior use on walls and ceilings.

| ATLAS RAPID (2022)<br>Declaration of performance No. A109/4/CPR<br>EN 15824:2017 |           |
|----------------------------------------------------------------------------------|-----------|
| Intended use: for internal walls, ceilings, columns and partitions               |           |
| Adhesion                                                                         | 0.3 MPa   |
| Reaction to fire class                                                           | A2-s1, d0 |

## Smoothing work

**Substrate preparation** The substrate should be:  
**bearing**

**air-dry seasoned** - the seasoning time for substrates is assumed to be (under normal conditions, i.e. approximately 20 °C and 55 % humidity - under other conditions the drying time may be longer):

- For new gypsum plaster (e.g. ATLAS SOLARIS), cement and cement-lime plasters, a minimum of 1 week for each cm of thickness,
- for concrete walls and floors, at least 28 days,

**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 with** (if the substrate is excessively absorbent):

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

covered with a bonding layer (when the substrate has low absorbency or a smooth surface, e.g. concrete floors and walls):

- ATLAS GRUNTO-PLAST,
- ATLAS ULTRAGRUNT.

### Preparation of the mass

The mass is ready for manual application. Before mechanical application, the mass should be stirred, which will cause it to liquefy. In case of mechanical or roller application, it is allowed to dilute the mass with clean water up to a maximum of 1% (if necessary).

### Manual application

**Roller application.** Apply the compound using a roller with a minimum 11 mm fur, 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 trowel, pressing down on the substrate. Do not exceed the maximum layer thickness.

Work should start from the ceiling, applying the compound in strips from the window into the room, pulling the trowel towards you, while on the walls the compound should be applied in a floor-to-ceiling direction, leading the trowel from the bottom up.

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

- on the pre-bonded ATLAS RAPID layer when the surface is dull and moist (which is usually after about 2 hours at 20 °C and 55 % humidity,
- after the first coat of ATLAS RAPID has hardened (its surface should be moistened with water before application, which will minimise the occurrence of bubbles during application).

### Mechanical application

The units listed in the table below are recommended for mechanical application (the unit's main filter must be removed).

| aggregate       | nozzle        | pressure                 |
|-----------------|---------------|--------------------------|
| WAGNER PS 3.39  | 531, 533, 633 | maximum pressure working |
| WAGNER HS 950   | 531, 533, 633 |                          |
| GRACO T-MAX 506 | 541           |                          |
| GRACO MARK VII  | 531, 533, 633 |                          |
| GRACO APX 6200  | 533, 537      |                          |

### Sanding

Sanding, either by hand or mechanically, should be carried out when the surface is completely dry. A #150-240 grit is recommended. In poorly ventilated areas, check the degree of drying of the finish in the corners.

### Finishing work

Before starting finishing work, the surface of the smoothing material must be sufficiently dry and cleaned of sanding dust. Painting and wallpapering must be preceded by priming the substrate with a roller according to the paint or wallpaper manufacturer's recommendations.

The following can be used for the painting of the smooth:

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

## Consumption

---

On average, approx. 1.0 kg of compound is used per 1 m<sup>2</sup> per coat, depending on the thickness applied and the quality of the substrate.

## Packaging

---

Plastic containers: 5 kg, 18 kg, 25 kg.

## Safety information

---

Safety information is given on the product packaging and in the Safety Data Sheet, available at [www.atlas.com.pl](http://www.atlas.com.pl).

## Storage and transport

---

The product should be stored in a temperature range 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](http://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

---

Storage or transport under improper conditions can cause sedimentation or the formation of clumps. Minor changes in application parameters can be expected while maintaining its utility properties.

In the event of the product freezing in the package, it should be left at room temperature until completely thawed, and then intensely mixed using a ribbon mixer or ATLAS TWIST mixer. After mixing, the return to the consistency most suitable for manual application will occur after about 12 hours. The inability to obtain a homogeneous mass disqualifies the product for use.

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

Note: Stacking of pallets is prohibited. Stacking pallets with the product on top of each other may result in a loss of rigidity of the packaging, tipping of the pallets which may endanger the health and life of people in the vicinity and damage to the goods.

The stratification of the mass in the packaging (separation of the liquid) during the storage period is a natural phenomenon. Thanks to its thixotropic properties, the mass will liquefy after mixing and will be suitable for mechanical application. It will return to the consistency most suitable for manual application after approximately 12 h.

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

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

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

During the work, care must be taken not to contaminate any material remaining in the packaging, as this could result in a deterioration of its performance. Protect any unused material remaining in the packaging with foil and close the packaging tightly. Use until the expiry date.

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 release you from the obligation to carry out the work in accordance with the rules of the art of construction and health 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](http://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.

**Update date: 2024-01-18**