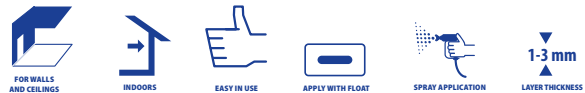




ATLAS GIPS RAPID

ready-to-use polymer top finish

- ready-to-use
- maximum single coat thickness – 3 mm
- optimum hardness
- for machine and manual application
- snow-white



Properties

ATLAS GIPS RAPID is manufactured as a ready-to-use mass based on resin binders, mineral fillers and modifying agents.

Can be applied with very thin coats – therefore amount of applied material can be adjusted to substrate properties and actual consumption reduced.

Very fine grain size – very smooth surface, perfect for painting and wallpapering can be formed.

Excellent bonding – owing to appropriate content of polymers.

Flexible and crack-resistant – top finish is resistant to cracking during mass setting and drying, and in further operation.

Easy to paint – uniform, snow-white top finish is easily coated with paints and guarantees reduced paint consumption and lower cost of painting.

Convenient to use – material is ready-to-use, therefore any unused material can be left in bucket and used up within product shelf life, i.e. 12 months from the manufacturing date.

TIXOTROPIC EFFECT - thick in packaging, plasticized during application.

Use

Application of top finishes upon walls and ceilings indoors.
For machine and manual application.

Types of substrates – concrete, cement-, cement-lime- and gypsum plasters, plasterboards.

Types of finishing coats – paint coats and wallpapers.

Technical data

Maximum single coat thickness	3 mm
Mass preparation temperature, substrate and ambient temperature during work	from +5°C up to +25°C
Humidity during work	up to 70%
Drying time	approx. 6 h (1 mm coat, temperature +20°C, humidity 50%)

Technical requirements

ATLAS GIPS RAPID conforms to PN-EN 15824:2017-07 standard – dispersive interior plaster, water dilutable (polymer top finish) for indoor use, for walls and ceilings. EC Declaration of Performance No. GIPS 109/1/CPR.

CE	PN-EN 15824:2017-07 (EN 15824:2017)
Intended use	for internal walls, ceilings, posts and partition walls.
Adhesion	0,3 MPa
Thermal conductivity coefficient	1,21 W/m·K (average tabular value $\lambda_{10, dry, mat}$, P=90%) (EN 1745:2012 tab. A.12)
Reaction to fire - class	A2-s1, d0

Top finish application

Substrate preparation

The substrate should be:

- **sufficiently sound,**
- **stabilized to air-dry state** – the assumed stabilization time for substrates is respectively (in standard conditions, i.e. temperature approx. +20°C and humidity 55% - in other conditions the time of drying can extend):
 - new gypsum (e.g. ATLAS GIPS SOLARIS), cement and cement-lime plasters – min. 1 week for each 1 cm of thickness,
 - concrete walls – min. 28 days,
- **cleaned** - of any materials which would impair bonding of top coat, especially dust, dirt, lime, oil, fats, wax, residues of paint coats and anti-adhesion agents,
- **primed**
 - with ATLAS GRUNTOWNIK or ATLAS OPTI-GRUNT emulsion – in case of excessively absorptive substrates,
 - with ATLAS GRUNTO-PLAST or ATLAS ULTRAGRUNT mass – when substrate is of low absorptiveness or is coated with layers limiting bonding (e.g. concrete walls and ceilings).

Mass preparation

Owing to the thixotropic properties product is ready to use, if applied manually. Before machine application, mass should be mixed what makes it more liquefied, mass can be also diluted with a 1% of clean water (maximum 20 ml/ 2 kg, 80 ml/8kg, 180 ml/18 kg, 280 ml/28 kg).

Top finish application

The mass is applied with a smooth stainless steel float firmly pressed towards substrate. Start application from ceilings, apply mass in strips starting from window and moving inwards, move the float towards yourself. Apply mass upon walls with strips, start from floor and move towards ceiling, move the float upwards. Subsequent coat can be applied in two ways:

- with "wet on wet" method – on previously bonded first layer (the first layer should be matt and dry when touched, what takes place usually 2 hours since application in temperature 20°C and humidity 55%, in case of absorptive substrate, this time can be shorter).
- after fully hardening of the first layer – the surface should be moistened with water before application of the second layer, which minimizes arising bubbles.

Machine application

Plastering units recommended for machine application are listed in the table below (the main filter of device should be removed).

Plastering unit	Nozzle	Pressure
WAGNER PS 3.39	531, 533, 633	maximum working pressure
WAGNER HS 950	531, 533, 633	
GRACO T-MAX 506	541	
GRACO MARK VII	531, 533, 633	
GRACO APX 6200	533, 537	

Sanding

Sanding, machine or manual should be carried out after complete surface drying. It is recommended to use mesh of 150-240 grade.

Finishing works

On commencement of finishing works the top finish surface should be appropriately dry and cleaned from dust arisen during sanding. Top finish can be coated with paints:

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

Painting and wallpapering should be preceded by substrate priming led according to paint or wallpaper manufacturer's guidelines.

Consumption

Average consumption is approx. 1.0 kg of mass/ 1 m².

Packaging

Plastic buckets: 2 kg, 8 kg, 18 kg, 28 kg

Important additional information

- Fluid separation in a container during its storage is a natural phenomenon. Owing to the thixotropic properties mass is becoming more liquid after mixing and its consistency is appropriate for machine application. Reverse to the primary consistency is taking place after approx 12 hours.
- Top finish must not be applied upon surfaces directly exposed to humidity.
- Do not apply top finish in rooms with relative air humidity exceeding 70% over extended periods of time.
- During application, avoid soiling the material remained in the packaging, as it may cause deterioration of its performance. Unused material left in the packaging should be protected with a foil and tightly closed. An undiluted material remains valid until the expiry date.
- The tools must be cleaned with clean water directly after use.
- Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC 220-239-6] (3:1). May produce an allergic reaction. Proceed in accordance with the Safety Data Sheet.
- Storage and transport: in cool and dry conditions, in well ventilated room, in properly labelled, marked and tightly sealed packaging. Avoid direct sunlight, sources of heat, hot surfaces and open flames. Temperature of storage: from +5°C up to +30°C. Protect against freezing. Shelf life in conditions as specified is 12 months from the production date shown on the packaging.

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations. At the time of publication this product data sheet all previous ones become void.

An up-to-date documentation is available on www.atlas.com.pl/en

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