



GIPSAR UNI

white gypsum top finish

- perfectly white, perfectly smooth
- excellent slip under trowel
- reinforced with polymers - increased hardness
- shrinkage-free - resistant to cracking
- application by trowel, roller or power unit
- also for mechanical grinding
- limited dusting



IMPROVED HARDNESS
- RESISTANT TO RUBBING



BRIGHT WHITE
- EASIER COATING
WITH PAINTS



PERFECTLY SMOOTH - UNDER
PAINTS AND WALLPAPERS



REDUCED DUSTING,
CLEAN WET SANDING

Properties

GIPSAR UNI is produced as a dry mixture of the highest quality anhydrite powder, redispersible polymer resins, lime fillers and new generation modifying additives.

Reinforced with polymers - the high compactness of the redispersible polymer resins produces a finishing coat with high adhesion to the substrate and increased hardness.

Easy spreading over the substrate - the plastic consistency is due to the precisely selected proportions of binders, fillers and additives, ensuring optimum water retention and retention in the mass.

Perfectly white, perfectly smooth - selected fillers, free of impurities, give the mass the desired white colour, creating an ideal base for painting.

Creates a uniform, strong and smooth surface for painting and wall-papering.

It is resistant to cracking resulting from shrinkage during drying.

The increased hardness improves the performance and application parameters - the hardness of the top finish allows manual and mechanical sanding, which significantly speeds up the work.

Filling levels: PSG3(Q3), PSG4(Q4).

Purpose

Recommended as a top finish on walls and ceilings.

Fills small cavities on walls and ceilings - can be used to repair surfaces before painting.

Substrate types - cement, cement-lime and gypsum plaster.

Types of finishing layers - paint coatings and wallpaper.

Technical data

Bulk density (dry mix)	approx. 1.06 kg/dm ³
Mixture proportions water / dry mix	0.39 - 0.40 l / 1 kg 1.95 - 2.0 l / 5 kg 3.9 - 4.0 l / 10 kg 7.8 - 8.0 l / 20 kg
Max. thickness of one layer	2 mm
Adhesion	min. 0.50 MPa
Temperature of preparation of the compound and of the substrate and surroundings during the work	from +5 °C to +25 °C
Maturation time	5 minutes
Pot life	min. 1.5 hours

Technical requirements

GIPSAR UNI meets the requirements of EN 13279-1:2009 - gypsum finishing plaster for plastering walls and ceilings inside buildings, excluding walls, partition walls, ceilings and claddings intended for protection of structures against fire and/or in fire compartments in buildings - EN 13279-1 C7/20/2.

GIPSAR UNI (2022) Declaration of performance No. 042/3/CPR EN 13279-1:2008	
Intended use: general construction	
Reaction to fire (on direct exposure)	A1

Top finish application

Substrate preparation

The substrate should be:

- stable** - sufficiently rigid and sufficiently long seasoned - it is assumed that the seasoning time for new cement plasters from ready-mixed ATLAS plaster mortars is min. 1 week for each cm of thickness,
- cleaned** - from layers that may impair adhesion of the compound, in particular from dust, dirt, lime, oil, grease, wax, oil and emulsion paint residues. If the substrate is covered with biological corrosion, use ATLAS MYKOS No. 1 or ATLAS MYKOS PLUS to remove it,
- dry,**
- even** - the maximum layer thickness of GIPSAR UNI is 2 mm,
- primed** (if the substrate is excessively absorbent):
 - ATLAS GRUNT NKP (ready to use - without dilution)
 - ATLAS UNI-GRUNT or ATLAS UNI-GRUNT COLOUR,
 - ATLAS UNI-GRUNT ULTRA,
- covered with a bonding layer** (when the substrate has low absorption or is covered with adhesion-restricting layers):
 - ATLAS ULTRAGRUNT,
 - ATLAS GRUNTO-PLAST.

In addition, all steel components that may come into contact with the joint compound should be protected against corrosion.

Preparation of the mass

Pour the material from the bag into the container with water (proportions are given in the Technical Data) and mix by hand or mechanically (low-speed mixer) until a homogeneous mass without lumps is obtained. The mixed mass should be set aside for 5 minutes and mixed again. Once prepared, it should be used within approx. 1.5 hours.

Application of the mass

The compound can be applied by hand (trowel, roller) or by machine.

TROWEL APPLICATION. The use of a smooth stainless steel trowel is recommended and the surface should be smoothed successively as the work progresses. On walls, apply the compound in strips from the floor to the ceiling, working with the trowel from the bottom up. In the case of ceilings, the compound is applied in strips from the window into the room, pulling the trowel "towards you".

ROLLER APPLICATION. The compound should be applied with a roller (recommended scotch brite type roller, e.g. ATLAS Rollo Finish) spreading it evenly over the substrate with a trowel. Smooth the applied layer with a stainless steel float (putty knife) immediately after application.

MACHINE APPLICATION. Carry out spraying by guiding the lance of the machine at a distance of 1-1.5 m from the substrate, in horizontal, overlapping strips. If application is interrupted by more than 1 hour, the hopper and coil must be thoroughly cleaned and flushed with clean water. Immediately after spraying, level the resulting surface with a steel float.

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 operating pressure
WAGNER HC 950	531, 533, 535	
GRACO T-MAX 506	541, 551	
GRACO MARK VII	531, 533	
GRACO MARK X	531, 533	

Top finish sanding

Once dry, the compound is suitable for use with professional grinders with suitably selected sanding discs (recommended grain size: 180-220). The compound is also suitable for traditional processing, where minor irregularities may be removed manually with appropriately selected sandpaper or a sanding grid. The resulting inaccuracies should be thinly filled again (on a previously moistened substrate) and sanded.

Finishing work

Wallpapering or painting can be commenced after the finish coat has dried. Acrylic (e.g. ATLAS ecoFARBA) or latex paints (e.g. ATLAS optiFARBA or ATLAS proFARBA) can be used for painting. Before painting, the completed top finish should be primed with a preparation recommended by the paint manufacturer. Before laying the cladding it is recommended to prime the surface with ATLAS UNI-GRUNT emulsion.

Consumption

On average, approximately 1 kg of compound / 1 m² / 1 mm layer thickness is used.

Packaging

Plastic bags 5 kg, 10 kg, 20 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

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 is 12 months from the date of manufacture on the packaging - for the product in plastic bags.

Important additional information

The mass should be prepared in clean containers (residual bound gypsum shortens the setting time of fresh gypsum mass).

The consistency of the compound used for filling cavities should be denser than that of finishing layer.

Gypsum plastering must not be carried out on substrates exposed to direct moisture.

Gypsum plastering should not be carried out in bathrooms, laundries and other areas with relative humidity exceeding 75% for long periods.

While the plaster is drying, avoid direct sunlight and draughts and ensure that the rooms are properly ventilated and aired.

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. The documents accompanying the product are available at www.atlas.com.pl.

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