



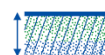
## ATLAS UNI-GRUNT

### quick drying priming emulsion

- deeply penetrating
- reduces and evens out the absorbency of substrates
- strengthens the surface
- under floors, top coats, plasters, paints, adhesives
- can be diluted



CAN BE DILUTED,  
MAX 1:3



DEEPLY  
PENETRATING



LIMITS  
SUBSTRATE ABSORPTION



WIDE RANGE  
OF USE

### Properties

**ATLAS UNI-GRUNT is an impregnating primer, manufactured on the basis of the highest quality aqueous polymer resin dispersion.**

**Very short drying time** - depending on temperature and humidity conditions, new coats can be applied to the primed substrate already after

- after approx. 15 minutes - applies to ATLAS adhesive mortars,
- after approx. 2 hours - applies to floors and self-levelling screeds, wallpapers, paint coatings on cement-lime plaster, silicate blocks and aerated concrete blocks.

**Strengthens surface-primed mineral substrates** - penetrates the material structure, strengthens it and improves its load-bearing capacity.

**Improves the performance of paints, top finishes and adhesives** - by sealing the structure of the primed substrate, it increases the efficiency of the materials used for the next layer, reducing consumption.

**Facilitates the application of subsequent layers** - paint coatings, adhesives, top finishes and putties, screeds and self-levelling floors, carpet adhesives, wallpaper adhesives, thermal insulation adhesives for substrates, etc.

**Reduces the absorbency of the substrate** - prevents the product from "drawing off" excessive amounts of water when applied to the following primed substrates: cement-based primers with or without underfloor heating, various types of plaster, etc.

**Unifies the absorbency of the substrate** - the product applied in the next layer has the same setting conditions over the entire surface, including areas where local repairs have been carried out.

**Binds unstable substrates** - reduces dusting of floor and subfloors as well as plaster.

**Designed for application at elevated temperatures** - recommended for use between 5 °C and 30 °C, indoors and outdoors.

**Very low VOC content** - 15 times lower VOC content than required

**Colourless, solvent-free and water-based** - the product is colourless when dry and does not discolour the substrate.

**For application by roller, brush or spray.**

## Purpose

Substrate types - standard	
cement floors and screeds	+
anhydrite screeds	recommended ATLAS UNI-GRUNT ULTRA
cement and cement-lime plasters and plastering	+
gypsum plaster and plasterboarding	recommended ATLAS UNI-GRUNT ULTRA
cellular concrete masonry	+
brick or silicate block masonry	+
brick or hollow brick masonry	+
gypsum block masonry	recommended ATLAS UNI-GRUNT ULTRA

Substrate types - difficult	
cement floors and screeds with underfloor heating	+
anhydrite screeds with underfloor heating	recommended ATLAS UNI-GRUNT ULTRA
monolithic concrete	recommended ATLAS UNI-GRUNT ULTRA
reinforced concrete	recommended ATLAS UNI-GRUNT ULTRA
existing ceramic and stone cladding	use ATLAS GRUNTO-PLAST* or ATLAS ULTRAGRUNT*
terrazzo	use ATLAS ULTRAGRUNT*
OSB	Use ATLAS ULTRAGRUNT*
plasterboards	+
stable linoleum, PVC	use ATLAS ULTRAGRUNT*
varnishes for concrete	use ATLAS ULTRAGRUNT*
interior acrylic and latex paints	recommended ATLAS UNI-GRUNT ULTRA
oil paint coatings	use ATLAS ULTRAGRUNT*

\*applies to all types of finish coats listed in the table below, except for paint coats (due to the formation of a rough surface by ATLAS GRUNTO-PLAST or ATLAS ULTRAGRUNT).

### Type of finish coat - refer to the manufacturer's recommendations for the finish coat material regarding priming underneath it

tile cladding fixed with cement or gypsum adhesive	+
mineral waterproofing (slurries)	+
cement floors and screeds, anhydrite screeds	+
cement, cement-lime and gypsum plasters	+
gypsum and cement plasterboard finishings	+
acrylic and latex interior paint coatings	+
wallpaper	+

### Scope of application

indoors	+
outdoors	+
for horizontal surfaces	+
for vertical surfaces	+

### Technical data

Emulsion density	approx. 1.0 g/cm <sup>3</sup>
Substrate and ambient temperature during the work	from +5 °C to +30 °C
Start of further work after priming (depending on the substrate)	- after approx. 15 minutes - applies to ATLAS adhesive mortars, - after approx. 2 hours - applies to floors and self-levelling screeds, wallpapers, paint coatings on cement-lime plaster, silicate blocks and aerated concrete blocks.

### Technical requirements

The primer is not classified as a construction product.

## Priming

### Substrate preparation

The substrate should be dry, cleaned of dust, dirt, oil, grease and wax. All loose layers not properly bonded to the substrate should be removed before applying the emulsion.

### Priming

ATLAS UNI-GRUNT is produced as an emulsion ready for direct use. It must not be combined with other materials or thickened.

Substrate type	Application and dilution method
absorbent and weak	Apply the primer undiluted until the substrate is saturated so as not to cause puddles and runs on the primed surface.
Newly made gypsum plaster	Apply the primer once. Dilute 1:1 with water.
plasterboards, dispersion plasters (substrates for interior paints)	Apply the primer once. Dilution with water 1:3.

Apply the emulsion to the substrate, once with a roller, brush or spray method, as a thin and even layer. Once the primer has dried, it is advisable to test the effectiveness of the primer by wetting the substrate with water and assessing its absorption rate.

### Surface use

The primer dries in approx. 2 hours. Painting, wallpapering, etc., should be started after the emulsion has dried. When bonding ceramic cladding to dry cement and cement-lime substrates, work can begin as early as 15 minutes after priming.

The primer should form a matt surface when dry.

## Consumption

On average, 0.05÷ 0.2 kg of emulsion per 1 m<sup>2</sup> is used. In practice, the consumption depends on the absorbency of the substrate.

## Packaging

Plastic containers: 1 kg, 5 kg, 10 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).

ATLAS UNI-GRUNT - Cat. A/h/FW: Maximum VOC content in the product 1.92 g/l, permissible VOC content 30 g/l

The product has a Radiation Hygiene Certificate.

## 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](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

Gypsum substrates should be primed before painting, following the paint manufacturer's recommendations.

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

Any soiling from the emulsion can be removed with ATLAS SZOP 2000.

The information contained in the Technical Data Sheet is a basic guide to the use of the product. and does not release you from the obligation to carry out the work in accordance with in accordance with the rules of the trade 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).

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