



## ATLAS UNI-GRUNT fast drying priming emulsion

- reinforces absorptive substrates of any type
- high yield, quick-drying
- decreases and unifies substrate absorptiveness
- for application in temperature up to +30°C
- improves bonding to the substrate
- under floors and screeds
- under adhesives, plasters, top finishes, paints



### Properties

ATLAS UNI GRUNT is an impregnating sealer for priming, manufactured on the basis of the finest quality water dispersion of polymer resins.

**Very short time of drying** – depending on temperature and air humidity, application of next layers on a primed substrate is possible after:

- 15 minutes – for adhesive mortars ATLAS and painting coats on cement-lime plasters, silicate hollow blocks and aerated concrete blocks,  
- 2 hours – for floors and self-levelling screeds.

**Reinforces top surface of primed mineral substrates** – penetrates into material structure, reinforces it and improves its load-bear capacity.

**Improves yield of paints, top finishes and adhesives** – increases yield of materials used for the next layer application, reduces their consumption by sealing structure of a primed substrate.

**Facilitates application of the next layers** – painting coats, adhesives, top finishes and fillers, floors and self-levelling screeds, adhesives for carpets, wallpapers, adhesives for thermal insulation etc.

**Decreases substrate absorptivity** – prevents from excessive water retention from the product applied on the primed substrates: cement screeds with or without floor heating, various types of renders etc.

**Unifies substrate absorptivity** – owing to the presence of ATLAS UNI-GRUNT, product applied as the next layer has uniform setting conditions on the whole surface, including areas with local repairs.

**Bonds non-stable substrates** – reduces dust on floors, screeds and plasters.

**Intended for application at high temperature** – recommended for use at temperature from 5°C up to 30°C, indoors and outdoors.

**Very low VOC content** – 15-times reduced content of volatile organic compounds in terms of legal requirements.

**Transparent, solvent-free and water-soluble** – product is colourless after drying, does not cause substrate discolouration.

**For application with a roller, a brush or with a sprayer.**

### Use

Substrate type - standard	
cement floors and screeds	+
anhydride screeds	recommended ATLAS UNI-GRUNT PLUS
cement and cement-lime plasters and top finishes	+
gypsum plasters and top finishes	recommended ATLAS UNI-GRUNT PLUS
walls made of cellular concrete	+
walls made of brick or silicate blocks	+
walls made of brick or ceramic hollow blocks	+
walls made of gypsum blocks	recommended ATLAS UNI-GRUNT PLUS

Substrate type - difficult	
cement floors and screeds with floor heating	+
anhydride screeds with floor heating	recommended ATLAS UNI-GRUNT PLUS
asphalt screeds	recommended ATLAS GRUNTO-PLAST
magnesium screeds	+
monolithic concrete	recommended ATLAS UNI-GRUNT PLUS
ferroconcrete	recommended ATLAS UNI-GRUNT PLUS
existing ceramic and stone cladding	recommended ATLAS GRUNTO-PLAST
terrazzo	recommended ATLAS GRUNTO-PLAST
OSB boards	recommended ATLAS GRUNTO-PLAST
plasterboards	+
stable linoleum, PVC	recommended ATLAS GRUNTO-PLAST
concrete varnishes	recommended ATLAS GRUNTO-PLAST
painting coats made of indoor acrylic and latex paints	recommended ATLAS UNI-GRUNT PLUS
oil-colour painting coat	recommended ATLAS GRUNTO-PLAST

Type of finishing layer – recommendations of finishing layer material manufacturer, regarding priming agent beneath, should be followed	
cladding fixed with cement or gypsum adhesive	+
mineral waterproofing	+
cement floors and screeds, anhydride screeds	+
cement, cement-lime, gypsum plasters	+
gypsum, cement top finishes	+
painting coats made of indoor acrylic and latex paints	+
wallpapers	+

Range of application	
indoors	+
outdoors	+
horizontal surfaces	+
vertical surfaces	+

## Technical data

ATLAS UNI-GRUNT is a priming paint of setting properties: maximum content of VOC in the product 1.92 g/l, maximum allowable content of VOC 30 g/l.

Density of emulsion	approx. 1.0 g/cm <sup>3</sup>
Substrate and ambient temperature during application	from +5°C up to +25°C
Further work after priming	- after 15 minutes – plasters, silicate hollow blocks, aerated concrete blocks - after 2 hours – self-levelling floors

## Technical requirements

The primer is not classified as a construction material.  
The product has been given the Radiation Hygiene Certificate.

### Priming

#### Substrate preparation

The substrate should be dry, free from dust, dirt, oils, grease and wax. Remove any loose, poorly bonded layers before the emulsion application.

#### Emulsion preparation

ATLAS UNI-GRUNT is manufactured as a ready-to-use emulsion. It must not be mixed with other materials or thickened. It is admissible to dilute it in weight ratio:  
- 1:1 for the first priming, in case of double priming of very weak substrates,  
- 1:3 in case of priming substrates under ATLAS paints for indoor use.

#### Priming

It is advisable to apply the emulsion upon the substrate in undiluted form, once, using a roller or a brush, with thin and uniform coat. For the first priming of very absorptive and weak substrates, emulsion diluted with water in 1:1 ratio can be used. When the first coat dries, repeat the priming with undiluted emulsion.

#### Surface use

Painting, wallpapering, tiling, etc., can commence when emulsion dries, i.e. after approx. 2 hours since application. The primer should form matt surface after drying.

### Consumption

The average consumption is 0.05 ÷ 0.2 kg of emulsion for 1 m<sup>2</sup>. In practice, the consumption depends on the substrate absorptiveness.

### Packaging

Plastic containers: 1 kg, 5 kg, 10 kg  
Pallet: 576 kg in 1 kg containers, 540 kg in 5 kg containers, 600 kg in 10 kg containers

### Important additional information

- When priming gypsum substrates before painting, one should follow guidelines of the paint manufacturer.
- Clean the tools with clean water directly after use.
- Possible emulsion stains can be removed with ATLAS SZOP 2000 agent.
- Keep out of reach of children. Avoid contact with skin and eyes. Follow the instructions of the Safety Data Sheet.
- The emulsion must be transported and stored in tightly sealed packaging, in dry conditions and positive temperature. Protect against overheating. The emulsion shelf life 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 of this product data sheet all previous ones become void. All current technical documentation is available on [www.atlas.com.pl/en](http://www.atlas.com.pl/en).*

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