



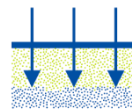
## ATLAS UNI-GRUNT ULTRA

deep-penetrating priming emulsion

- colour enables to control the work progress
- significantly improves adhesion to the substrate
- decreases substrate absorptiveness



EXTRA HIGH COVERAGE,  
UP TO 180M<sup>2</sup>



STRENGTHENS  
SUBSTRATE



QUICK-DRYING



TRACKS  
WORK PROGRESS

### 3 x more safety

Proper substrate preparation is a base for a success of the entire construction project. The use of ATLAS UNI GRUNT ULTRA, a primer consisting very high content of polymeric dispersion, guarantees safety and assurance that the further works will be carried out on substrate:

- with optimally decreased and unified water absorption,
- unified absorptivity on entire surface,
- ensuring highest possibly adhesion to the following layers.

### Properties

Primed substrates have decreased and unified absorptivity, which ensures better adhesion of the following layers. Emulsion penetrates into the substrate, bonds aggregate grains and reinforces primed layer.

**Ultra efficiency** – one 4 kg packaging of ATLAS UNI-GRUNT ULTRA is sufficient for priming:

- 53 m<sup>2</sup> of floor prior to the application of self-levelling mass
- 140 m<sup>2</sup> of plaster prior to the application of top coat, installation of ceramic cladding,
- 150 m<sup>2</sup> of substrate prepared for painting

**Special pigment contained in product colours the substrate, which enables to control the work progress, while the primer is still wet and when it dries** – the colour does not decrease ability for covering of painting coats.

### Use

ATLAS UNI-GRUNT ULTRA is a priming agent for various types of substrate (walls, floors, ceilings), for indoor and outdoor use.

For priming substrates prior to the application of floors, installation of ceramic cladding, plastering, floating, wallpapering and painting.

Depending on type of construction work and place of application, primer should be diluted in compliance with the instruction in section 'Priming'.

#### Substrate type - standard

cement floors and screeds	+
anhydrite screeds	+
cement and cement-lime plasters and top coats	+
gypsum plasters and top coats	+
polymer top coats	+
wall made of cellular concrete	+
wall made of silicate brick or blocks	+
wall made of ceramic brick or hollow blocks	+
walls made of gypsum blocks	+

Substrate type - difficult *	
cement floors and screeds with floor heating	+
anhydrite floors and screeds with floor heating	+
concrete	+
old painting coats made of interior acrylic paints	+
renovated substrates, coated with floats and paints	+
existing ceramic and stone cladding	use ATLAS ULTRAGRUNT
terrazzo	use ATLAS ULTRAGRUNT
OSB boards	use ATLAS ULTRAGRUNT
stable linoleum, PVC	use ATLAS ULTRAGRUNT
concrete varnishes	use ATLAS ULTRAGRUNT
oil-colour painting coat	use ATLAS ULTRAGRUNT

\*applicable for any type of finishing coats mentioned in table below, apart from painting coats (due to forming of coarse surface by ATLAS ULTRAGRUNT).

Type of finishing layer – recommendations of finishing layer material manufacturer, regarding priming agent beneath, should be followed	
cladding fixed with cement or gypsum adhesive	+
hydroizolacje mineralne (szlamy) mineral damp proofing	+
cement floors and screeds, anhydrite screeds	+
cement, cement-lime, gypsum plasters	+
adhesives for thermal insulation	+
gypsum, cement and polymeric top coats	+
painting coats made of interior acrylic and latex paints	+
wallpapers	+

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

## Technical data

Emulsion density	approx. 1,0 g/cm <sup>3</sup>
Substrate and ambient temperature during work	from +5 °C to +30 °C
Further work after priming (depending on substrate type)	- 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.

## Priming

### Substrate preparation

The substrate should be dry, free from dust, dirt, oils, grease and wax. Remove any loose, poorly bonded layers prior to the emulsion application. In case of gypsum plasters and anhydrite screeds, the sediment formed during sanding should be removed.

### Emulsion preparation

ATLAS UNI-GRUNT ULTRA is manufactured as an ultra-efficient emulsion, ready for use after dilution in water in the following ratio:

- 1:3 underneath the floor, -
- 1:6 underneath the plasters and top coats,
- 1:8 underneath the paints.

It must not be mixed with other materials or compacted.

### Priming

The emulsion should be applied upon the substrate with a roller, brush, or spraying machine with thin and uniform coat. For the very absorptive and weak substrates, priming should be carried out twice, with wet on wet technology. In case of priming of surfaces underneath the floor. such emulsion should be poured on substrate and distributed evenly without forming puddles. If the substrate is still absorptive after product drying, priming should be repeated.

### Surface use

Painting, wallpapering, tiling, etc., can commence when emulsion dries. The primer should form matt surface after drying. Time of drying depends on temperature and humidity conditions:

- 15 minutes – plasters, silicate hollow blocks, aerated concrete blocks
- 2 hours – floors and screeds

## Consumption

Primer consumption is: 0,022 – 0,075 kg/m<sup>2</sup> and in practice consumption depends on substrate absorptivity level (details in the table at the end of the document).

## Packaging

Plastic containers:: 4 kg

## Safety informations

Contains 2-methylthiazol-3(2H)-one. May produce an allergic reaction. Keep out of the reach of children. Wear protective gloves/protective clothing/ eye protection/face protection. If on skin (or hair): remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: get medical advice/attention. Contains biocides:

- Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione CAS:5395-50-6
- 2-methyl-2H-isothiazol-3-one CAS: 2682-20-4
- 1,2 – benzisothiazol-3(2H)-one CAS: 2634-33-5

Proceed in accordance with the Safety Data Sheet.

ATLAS UNI-GRUNT ULTRA - category A/h/FW - maximum content of VOC in the product below 1.9 g/l, maximum allowable content of VOC 30 g/l

The product has been given the Hygienic Attest.

## Storage and transport

The product should be transported and stored in tightly sealed original and labelled packaging, in dry, cool and well ventilated room. Protect against direct sunlight, sources of heat, hot surfaces and open flames. Temperature of storage: from +5°C to +30°C. Protect against freezing. Product should be mixed before use. While maintaining conditions above, no adverse interactions known. Shelf life: 18 months from the date of manufacturing shown on the packaging

## Important additional information

Before priming, carefully secure all elements nearby, e.g. glass, woodwork, flashings, etc. Tools should be cleaned with clean water directly after use.

Possible emulsion stains can be removed with ATLAS AGENT FOR REMOVAL OF STAINS OF PAINTS, PRIMERS AND RENDERERS.

The information included in the Product Data Sheet constitutes basic guidelines concerning the use of the product and does not release from the obligation to conduct work according to the best construction practices and health and safety at work regulations. On the date of issue of this Product Data Sheet, all previous Product Data Sheets become invalid. The accompanying documents for the product are available at [www.atlas.com.pl](http://www.atlas.com.pl).

The content of the Product Data Sheet as well as the symbols and trade names used in it are the property of Atlas sp. z o. o. Their unauthorized use will be sanctioned.

**Updates: 2021-02-26**

### Detailed data on dilution and consumption.

Type of following layer	Ratio of solution emulsion:water	Solution consumption	Consumption of ATLAS UNI-GRUNT ULTRA	Consumption of 4 kg
self-levelling screeds	1 : 3	approx. 0,3 kg/m <sup>2</sup>	approx. 0,075 kg/m <sup>2</sup>	53 m <sup>2</sup>
plasters, top coats, adhesives for tiles and thermal insulation	1 : 6	approx. 0,2 kg/m <sup>2</sup>	approx. 0,028 kg/m <sup>2</sup>	140 m <sup>2</sup>
paints	1 : 8	approx. 0,2 kg/m <sup>2</sup>	approx. 0,022 kg/m <sup>2</sup>	180 m <sup>2</sup>