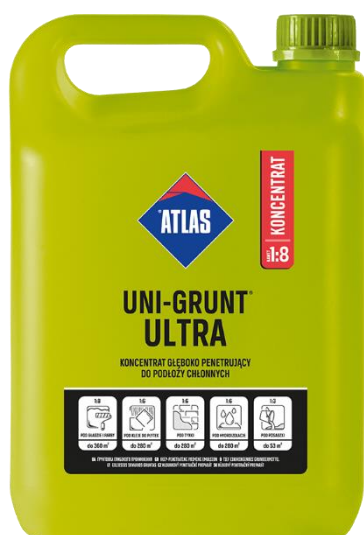




ATLAS UNI-GRUNT ULTRA

deeply-penetrating concentrate for absorbent substrates

- for flooring, adhesives, plasters, top finishes, paints, wallpapers
- colour enables to control the work progress
- significantly improves adhesion to the substrate
- decreases substrate absorptiveness

1:8 UNDER TOP FINISHES AND PAINTS up to 360 m ²	1:6 UNDER TILE ADHESIVES up to 280 m ²	1:6 UNDER PLASTERS up to 280 m ²	1:6 UNDER WATER- AND DAMP-PROOFING up to 280 m ²	1:3 UNDER FLOORS up to 53 m ²
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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 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 m² of floor prior to the application of self-levelling mass,
- 280 m² of plaster prior to the application of top coat, installation of ceramic cladding, installation of waterproofing, fixing of thermal insulation,
- 360 m² of substrate prepared for painting and wallpapering.

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 absorbent substrates (walls, floors, ceilings), for indoor and outdoor use.

For priming substrates prior to the application of floors, installation of ceramic cladding, plastering, top-coat application, 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 paint coatings	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	+
water and 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 ³
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 adhesives, water- and damp-proofing, 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. 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

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

Consumption of the prepared solution depends on the application (see table at the end of the document for details):

- 0.1-0.2 kg/m²,
- 0.3 kg/m² for screeds.

Packaging

Plastic containers: 4 kg

Safety information

Safety information is given on the product packaging and in the Safety Data Sheet, available at www.atlas.com.pl.

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

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 (best before use) is 18 months from the production date 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 SZOP 2000

The information included in the Technical 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 Technical Data Sheet, all previous Technical Data Sheets become invalid. The accompanying documents for the product are available at www.atlas.com.pl.

The content of the Technical 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: 2024-01-31

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
screeds	1 : 3	approx. 0,3 kg/m ²	approx. 0,075 kg/m ²	53 m ²
plasters, water- and damp-proofing , adhesives for tiles and thermal insulation	1 : 6	approx. 0,1 kg/m ²	approx. 0,014 kg/m ²	280 m ²
top coats and paints	1 : 8	approx. 0,1 kg/m ²	approx. 0,011 kg/m ²	360 m ²