



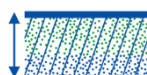
ATLAS UNI-GRUNT

fast drying priming emulsion

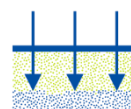
- deeply penetrating
- decreases and unifies substrate absorptiveness
- reinforces absorptive substrates
- under floors, screeds, adhesives, plasters, top finishes, paints
- the possibility of dilution



CAN BE DILUTED,
MAX 1:3



DEEPLY
PENETRATING



LIMITS
SUBSTRATE ABSORPTION



WIDE RANGE
OF APPLICATIONS

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

Reinforces top surface of primed mineral substrates – penetrates into material structure, reinforces it and improves its load-bearing 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 – 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 ULTRA
cement and cement-lime plasters and top finishes	+
gypsum plasters and top finishes	recommended ATLAS UNI-GRUNT ULTRA
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 ULTRA

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

* applies to all types of finishing layers listed in the table below, except for paint coatings (due to the formation of a rough surface by ATLAS GRUNTO-PLAST or 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	+
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

Density of emulsion	approx. 1,0 g/cm ³
Substrate and ambient temperature during application	from +5 °C to +30 °C
Further work after priming (depending on the substrate)	- after approx. 15 minutes for adhesive mortars ATLAS, - after approx. 2 hours – self-levelling floors, painting coats on cement-lime plasters, silicate hollow blocks and aerated concrete blocks.

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 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.

Type of substrate.	Method of application and dilution.
very absorptive and weak substrates	- double priming - for the first priming use emulsion diluted with water in 1:1 ratio can be used. When the first coat dries, repeat the priming with undiluted emulsion "wet on wet" method
newly made gypsum finish coats	Apply the primer once. Dilution with water 1: 1.
under paints for indoor use	Apply the primer once. Dilution with water 1: 3.

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.

Surface use

The primer dries up in approx. 2 hours. Painting, wallpapering, tiling, etc., can commence when emulsion dries, i.e. after approx. 2 hours since application. In the case of gluing ceramic coverings on dry cement and cement-lime substrates, the works can be started just 15 minutes after priming.

The primer should form matt surface after drying.

Consumption

The average consumption is 0.05 ÷ 0.2 kg of emulsion for 1 m². In practice, the consumption depends on the substrate absorptiveness.

Packaging

Plastic containers: 1 kg, 4 kg, 5 kg, 10 kg.

Safety information

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

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

The product has been given the Radiation Hygiene Certificate.

Storage and transport

Information on storage and transport is provided on the product packaging and in the Material Safety Data Sheet available at www.atlas.com.pl.

Shelf life is 12 months from the production date shown on the packaging.

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 DO USUWANIA ZABRUDZEN PO FARBACH, GRUNTACH I TYNKACH.

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.

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