



ATLAS ULTRAGRUNT

quick-drying primer for critical sub-
strates

- under self-levelling compounds, tile adhesives
- on concrete, terrazzo, ceramic tiles, OSB
- increases adhesion - contains quartz aggregate
- further work after 4 hours



Properties

ATLAS ULTRAGRUNT is a ready-to-use mass produced on the basis of polymer resins with the addition of selected quartz aggregate.

It has excellent adhesion to non-absorbent substrates and to substrates with a very smooth surface - for concrete substrates the adhesion is a minimum of 1.0 MPa.

The addition of selected quartz aggregate increases the adhesion of the applied layers - by developing an effective surface between the substrate and the material to be laid. Creates a rough surface for the application of the next layer.

Designed for application at elevated temperatures - recommended for use between 5 °C and 35 °C, indoors and outdoors.

It is a fast-drying preparation - laying another layer after just 4 hours.

Purpose

Recommended for substrate preparation for bonding ceramic and stone cladding, for underlays of the ATLAS SMS and ATLAS SAM screeds applied on critical substrates.

TYPES OF SUBSIDIES - difficult	
monolithic concrete (including hardened concrete floors)	+
reinforced concrete structures	+
wet cast floors	+
cement floors and screeds with underfloor heating	+
anhydrite screeds with underfloor heating	+
terrazzo	+
existing ceramic and stone cladding	+
non-grinded OSB boards	+
wood-based construction boards	+
stable timber floors	+
plasterboards	+
gypsum-fibre boards	+
stable plastic flooring	+
steel substrates	+
plastic substrates	+
varnishes made from solvent-based paints	+

Type of finish coat - refer to the manufacturer's recommendations for the finish coat material regarding priming underneath it	
ceramic and stone cladding fixed with cementitious adhesives	+
cladding and stucco work fixed with gypsum adhesive	+
cementitious floorings and screeds, anhydrite screeds	+
cement, cement-lime and gypsum plasters	+
gypsum and cement plasterboard finishes	+

Scope of application	
indoors	+
outdoors	+
for horizontal surfaces	+
for vertical surfaces	+

Technical data

Mass density	approx. 1.5 g/cm ³
Substrate and ambient temperature during the work	from +5 °C to +35 °C
Start of further work after priming	after approx. 4 hours
Adhesion to terrazzo	> 1,0 MPa
Adhesion to ceramic tiles	> 1,0 MPa
Adhesion to concrete	> 1,0 MPa
Adhesion to OSB	> 0,8 MPa (rupture occurs in the OSB layer)

The times indicated in the table are recommended for application conditions of approx. 20 °C and 50-60 % humidity.

Technical requirements

The primer is not classified as a construction product.

Priming

Substrate preparation

The substrate should be dry, if possible cleaned from dust, dirt, oil, grease and wax. All loose layers not properly bonded to the substrate should be removed before applying the emulsion. Terrazzo substrates should be degreased without fail and layers of pastes and impregnates (if terrazzo has been covered with them) should be removed.

Preparation of the mass

The product is supplied as a ready-to-use paste. It must not be combined with other materials, diluted or thickened. Immediately before use, the mass should be stirred to even out the consistency.

Application of the mass

Spread the mass on the prepared substrate (evenly over the entire surface) using a roller or brush.

Application of the finishing coat

Bonding of coverings and filling can be commenced approx. 4 hours after the application of ATLAS ULTRAGRUNT. Pouring of self-levelling screeds (e.g. ATLAS SMS 15 or SMS 30) on terrazzo may be commenced approx. 24 hours after the application of ATLAS ULTRAGRUNT.

Consumption

On average, 0.3 kg of compound is used per 1 m².

Packaging

Plastic buckets 5 kg and 15 kg.

Safety information

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

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 12 months from the date of manufacture on the packaging.

Important additional information

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

The primed surface should be protected, both during the work and during the drying out period of the render, from direct sunlight, wind and precipitation.

The information contained in this Technical Data Sheet is a basic guideline for the use of the product and does not release you from the obligation to carry out the work in accordance with the rules of the art of construction and safety regulations. With the issue of this Technical Data Sheet, all previous ones are no longer valid. Documents accompanying the product are available at www.atlas.com.pl.

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