

ATLAS ULTRAGRUNT

quick drying primer for critical substrates



- improves bonding, contains quartz aggregate
- on concrete, terrazzo, ceramic tiles, OSB boards
- beneath adhesives for ceramic and stone cladding
- beneath self - leveling masses
- quick drying – application of subsequent coats just after 4 hours



Properties

ATLAS ULTRAGRUNT is a ready – made mass manufactured on basis of polymer resins with addition of selected quartz aggregate. Characterised by excellent bonding to non – absorbable and perfectly smooth substrates – bonding to concrete min. 1.0 MPa. Addition of selected quartz aggregate improves bonding of subsequent coats – owing to greater effective surface between substrate and applied material. Forms coarse surface beneath the subsequent coat. **Designed for use in higher temperature** – recommended for indoor and outdoor use at temperature from +5°C up to +35°C. **Quick – drying** – application of the next coat is possible just after 4 hours.

Use

Recommended for preparation of substrates beneath ceramic and stone cladding, beneath ATLAS SMS and ATLAS SAM screeds applied on critical substrates.

SUBSTRATE TYPE – difficult		
monolithic concrete (incl. hardened concrete floors)		+
ferroconcrete		+
wet cast slabs		+
cement floors and screeds with heating system		+
anhydrite screeds with heating system		+
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		
dado made of solvent based paints		+

Type of top coat – check recommendation on priming listed by the manufacturer of a top coat material		
ceramic and stone cladding fixed with cement adhesives		+
gypsum cladding and molding fixed with gypsum adhesives		+
cement floors and screeds, anhydrite screeds		+
cement, cement – lime, gypsum plasters		+
cement, gypsum finishing coats		+

Range of use		
indoors		+
outdoors		+
on horizontal surfaces		+
on vertical surfaces		+

Technical data

Density	approx. 1.5 g/cm ³
Substrate and ambient temperature during application	from +5°C up to +35°C
Further application after priming	after approx. 4 hours
Bonding to terrazzo	> 1.0 MPa
Bonding to ceramic tiles	> 1.0 MPa
Bonding to concrete	> 1.0 MPa
Bonding to OSB boards	> 0.8 MPa (breaking within OSB board)

Time shown in the table is recommended for application at temperature 20°C and humidity 50-60% (approx.).

Technical requirements

The product 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. Terrazzo should be obligatorily degreased and free off pastes and impregnating sealers (if it was coated with them).

Mass preparation

Product is manufactured as a ready-to-use mass. It must not be mixed with other materials, thinned or thickened. Just before use, the mass should be mixed in order to unify its consistency.

Mass application

Apply uniform coat of mass upon prepared substrate with a roller or a paintbrush.

Application of finishing coats

Cladding fixing or floating can commence approx. 4 hours since ATLAS ULTRAGRUNT application. Application of self – leveling screeds (e.g. ATLAS SMS 15 or SMS 30) upon terrazzo can commence approx. 24 hours since ATLAS ULTRAGRUNT application.

Consumption

The average consumption is 0.3 kg of mass for 1 m².

Packaging

Plastic buckets: 5 kg, 15 kg.

Important additional information

- Clean the tools with clean water directly after use.
- During application and drying, the primed surface should be protected against direct sunlight, wind and precipitation.
- Follow the instructions of the Safety Data Sheet.
- Keep in tightly sealed original and labeled containers. Keep in dry and cool places, protect against overheating (> 30 °C) and freezing - product freezes and irreversibly loses its performance in temperature below 0 °C. Protect against direct sunlight. Incompatible materials: avoid contact with aluminum, copper and alloys of these metals. Shelf life in conditions as specified 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.

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