Up to five European Technical Approvals for ATLAS insulation systems

ATLAS SILKON ANX

priming mass for silicone and silicone-silicate renders

- ensures perfect bonding of renders
- reduces absorptiveness and strengthens substrates
- facilitates render application and texture forming
- unifies substrate colour
- water vapour permeable

Use

Primes substrates beneath ATLAS thin-coat silicone and silicone-silicate renders.
Improves bonding – strongly bonds to substrates and applied renders.
Limits substrate absorptiveness – prevents excessive water transfer from freshly applied renders into substrates.
Facilitates application of subsequent coat – rough surface reduces "slip" of the applied render.
Forms temporary protective layer for a façade – protects non-rendered façade against weather conditions within half a year.

Types of substrates – concrete, traditional plasters on walls made of bricks, ceramic, cellular or silicate blocks or hollow blocks, plasterboards, thermal insulation systems with polystyrene, XPS and mineral wool.

Properties

Contains aggregate – improves bonding owing to significant broadening of the effective surface between layers (forms rough surface).
Protects substrates against adverse effects of the new coat – forms chemical barrier between substrate and render, limits their interaction – reduces colour penetration from substrates and occurrence of stains on the render surface.
High bonding – min. 1.0 MPa for concrete.

Technical data

ATLAS SILKON ANX is manufactured on the basis of organosilicon resin and quartz powder.

Density of the ready-to-use product	approx. 1.5 g/cm^3
Bonding to concrete	> 1.0 MPa
Mass preparation temperature, substrate and ambient temperature during work	from +5°C to +30°C
Drying time	4 ÷ 6 h

Technical requirements

ATLAS SILKON ANX is listed in the following approvals for thermal insulation systems:

System name	Technical Approval No.	Certificate No.
ATLAS	ETA 06/0081	EC 1488-CPD-0021
ATLAS XPS	ETA 07/0316	EC 1488-CPD-0075
ATLAS ROKER	ETA 06/0173	EC 1488-CPD-0036
ATLAS RENOTER	AT-15-8477/2010	FPC-ITB-0456/Z
ATLAS ETICS	AT-15-9090/2014	FPC-ITB-0562/Z
ATLAS ROKER	AT-15-2930/2012	FPC-ITB-0436/Z
ATLAS ROKER G	AT-15-7314/2011	FPC-ITB-0222/Z

The product has been given the National Standard Authority of Ireland (NSAI) Certificate no. 10/0347 and the British Board of Agrément (BBA) Certificate no. 13/5018.
The mass has been given the Radiation Hygiene Certificate.

Priming

Substrate preparation

The substrate should be:

- **stable** – sufficiently rigid and sufficiently long stabilized. The assumed stabilization time for substrates is respectively:
  - new cement plasters made of ATLAS mortars - min. 1 week for each 1 cm of thickness,
  - concrete walls – min. 28 days,
- **dry**,
- **even** – irregularities and gaps should be filled with, e. g. ATLAS ZW 50, ATLAS ZW 330, ATLAS PLASTERING MIX or adhesive mortars used for installation of base coats of thermal insulation systems; prime the surface with ATLAS UNI-GRUNT emulsion before repairs,
- **clean** – free from layers which would impair the render bonding, especially dust, dirt, lime, oil, grease, wax, residues of oil and emulsion paints; substrates infected by biological corrosion must be cleaned with ATLAS MYKOS agent.

Mass preparation

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

Mass application

Apply the priming mass upon prepared substrate (uniformly upon the whole surface) using a roller or a brush.

Rendering

Rendering can commence when the mass dries completely, i.e. after 4 ÷ 6 hours since application.

Consumption

Average consumption: approx. 0.3 kg/1 m^2.

Important additional information

- Protect the primed surface both during application and mass drying against direct sunlight, wind and precipitation.
- Tools must be cleaned with clean water directly after use.
- Avoid contact with skin and eyes. In case of contact with eyes seek medical advice. 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 - the product freezes and irreversibly loses its performance in temperature below 0 °C. Protect against direct sunshine. 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.

Packaging

Plastic buckets: 15 kg
Pallet: 660 kg in 15 kg buckets.

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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