

ATLAS WODER E

elastic sealing mass



- protects substrates against moisture
- highly flexible
- on balconies and terraces
- in bathrooms, kitchens and cellars
- element of the set of waterproofing products



Use

Forms light type damp proofing – proofs places with no pressurised water action (free flow).

Main element of ATLAS WODER waterproofing system – with ATLAS UNI-GRUNT priming emulsion, sealing tapes and accessories.

Protects substrates against moisture formed indoors – plasters and screeds in wet rooms (bathrooms, baths, showers, kitchens, wash rooms), particularly in wet zones of these rooms - around shower cabins, wash basins, bathtubs, sinks, etc.

Protects substrates exposed to precipitation – balconies, terraces, etc.

Recommended for protection of elements particularly exposed to damage when in contact with moisture - gypsum (plasterboards and plasters) and anhydrite products, cellular concrete, etc.

Can be used to coat OSB boards and zinc galvanized steel – after application of contact layer made of ATLAS GRUNTO-PLAST mass.

Enables installation of flexible protection of corners and expansion joints – along with ATLAS SEALING TAPE and CORNERS or ATLAS HYDROBAND tapes and corners embedded, secures the edges of joints between walls and screeds as well as the expansion joints.

Proofs surfaces around walls and floors, around passages of water and sewage system pipes – together with FLOOR or WALL RINGS or ATLAS HYDROBAND wall rings embedded.

Types of waterproofed substrates – cement, lime-cement and gypsum plasters, cement or anhydrite screeds, concrete and ferroconcrete elements, masonry made of brick, hollow blocks, blocks, plasterboard, OSB boards, etc.

Properties

Highly flexible – can be used on substrates with wall and floor heating systems and other surfaces subject to deformation.

Resistant to substrate cracking – the maximum score width, where no coat cracking occurs is 2.5 mm.

High adhesion – minimum 1.3 MPa for typical concrete substrates.

Coat damp proofing – forms a several millimeter thick coat, which has to be protected against mechanical damage, e.g. resulting from foot traffic – must be covered with screeds, plasters or cladding.

Can be used directly under tiles – replaces bitumen membranes and traditional foils requiring execution of screed before fixing the tiles.

Easy in use – one component – requires mixing the package content before use only; after opening the bucket and partial use, the rest of the mass can be used up within the whole shelf life period, i.e. 12 months since the production date.

Technical data

ATLAS WODER E is manufactured as a ready-to-use mass based on polymer dispersion, fillers and modifying agents.

Product density	approx. 1.5 g/cm ³
Ambient and substrate temperature	from +5°C to +25°C
Min./max. coat thickness	1 mm / 5 mm
Bonding	min. 1.3 MPa
Water vapour permeability coefficient μ	approx. 1000
Drying time	approx. 3 hours
Second coat application	after approx. 3 hours
Foot traffic	after approx. 12 hours
Execution of protective layer	after approx. 24 hours

Technical requirements

The product has been given the ITB Technical Approval AT-15-5032/2013 for the ATLAS WODER E system. Domestic Declaration of Conformity No. 052 of 26.09.2013. The product has been given the Radiation Hygiene Certificate.

Damp proofing

Substrate preparation

The substrate should be:

- **even and sound** – i.e. strong, stable and free from dust, dirt, salt efflorescence and weakly adhering substrate elements, remains of old paints, oils and other substances which may impair the membrane bonding. Any substrate scratches and defects must be widened mechanically and filled with cement mortar, e.g. ATLAS TEN-10. Dusty substrates and those made of gypsum materials must be grinded and dusted,
- **dry**– the surface should be completely dry, which should be checked with the "sheet test". This consists in covering an area of approx. 1m² with plastic sheet. If condensation occurs on the inside of the sheet within approx. 12 hours, the substrate is yet not ready for the application of ATLAS WODER E. Freshly applied surfaces, e.g. plasters or screeds can be proofed when they completely dry, but not earlier than 14 days since their application,
- **primed**– highly absorbent substrates should be primed with ATLAS UNI-GRUNT emulsion. In order to improve the membrane bonding to smooth or hardly absorbable substrates, the substrate should be coated with ATLAS GRUNTO-PLAST mass.

Mass preparation

ATLAS WODER E is manufactured as a ready-to-use, uniform paste. It must not be mixed with other materials, thinned or thickened. After opening the bucket, the mass should be mixed in order to unify the consistency (low speed hand mixer recommended).

Damp proofing

The membrane should be applied in minimum two coats. The first coat is applied with a brush, starting from points where additional ATLAS SEALING TAPES, CORNERS and RINGS or ATLAS HYDROBAND accessories are to be used. These accessories are embedded in the freshly applied WODER E mass. The second coat can be applied once the first coat is completely dry (after approx. 3 hours). Subsequent coats can be applied using a brush or a steel float.

Finishing works

The set coating (after approx. 24 hours) should be permanently covered with floor, plaster or facing. The proofed surfaces must be protected against water action within approx. 3 days.

Consumption

The total coating thickness must be adjusted respectively to the conditions of water action on the proofed surface.

Layer thickness [mm]	Consumption [kg/m ²]
1.5	approx. 1.5
2.0	approx. 2.0
3.0	approx. 3.0

Important additional information

- The tools must be cleaned with clean water directly after use. Difficult to remove residues of the set mass can be removed with ATLAS SZOP 2000 agent.
- Harmful to aquatic life with long lasting effects. Keep out of reach of children. Read label before use. Avoid release to the environment. Dispose of contents/ container to appropriately labeled containers designed for selective waste treatment, emptied by an authorized company. 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: 5 kg, 25 kg

Pallet: 400 kg in 5 kg buckets, 600 kg in 25 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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