



AquaThene[®] ALU TAPE

**Self-adhesive bitumen tape with a layer of aluminum foil
for sealing edges of waterproofing with AquaThene[®] membranes**

- closing tape for use on vertical and horizontal surfaces
- vapor barrier and waterproofing
- excellent adhesive properties
- cold applied
- flexible
- crack bridging
- solvent-free product



Product description

AquaThene ALU TAPE is a bituminous, self-adhesive, 1,5 mm thick sealing tape with a layer of aluminum foil. The adhesive surface is secured with paper as standard. The tape does not contain solvents and does not contaminate the groundwater.

Intended use

AquaThene ALU TAPE is designed to close the edges of waterproofing insulations made of **AquaThene** membranes. It can be installed on horizontal and vertical surfaces, on all types of mineral substrates, such as concrete, aerated concrete, mineral plasters, brick walls or concrete blocks, wherever **AquaThene** membranes are used.

AquaThene ALU TAPE should not be used in sets with solvent-based products.

Preparation of the substrate

The substrate must be sufficiently strong, stable, even, without open scratches and sharp, protruding elements. Sharp edges and corners should be chamfered or curved. Gaps, scratches and unevenness should be filled and smoothed out.

The surface of the substrate should be free of ice crystals, oil stains, tar, mortar residues, dust and dirt.

The tapes can be laid on dry or slightly damp surfaces.

Wet or heavily damp substrates (a symptom is a clearly darker color compared to a dry substrate) or with a water film on the surface, protect it with a layer of sealing mortar to prevent water penetration from the substrate side, or wait for the substrate to dry.

During installation, the presence of water between the substrate and the tape is inadmissible.

Mineral substrates should be primed with **AquaThene PRIMER**. Priming is not recommended on metal and plastic substrates (including **AquaThene** membrane insulation).

Installation of the tapes can commence after the priming layer has dried.

Application

In the case of application in the early morning hours, make sure that there is no condensation on the primed surface, as the tape will not stick if a layer of water appears.

Any water film should be dried or wait for the water to evaporate.

Roll out the **AquaThene ALU TAPE** roll so that the protective paper is on the bottom, cut it into strips of the required length and roll it up again. The protective layer of paper should be removed from the tape immediately before laying it, by slowly and evenly removing small fragments. Place the tape on the substrate with the adhesive side, so that half of the tape width is stuck to the **AquaThene** membrane insulation, and the other half - to the substrate. Press the glued tape carefully to eliminate the formation of folds and kinks. The overlap at the joints of the tape, e.g. in corners (this also applies to connections with other elements of the **AquaThene** insulation system) should be min. 5 cm. The places of overlaps should be pressed particularly carefully. During installation, the membrane should be protected against excessive solar radiation, frost, high temperature and moisture.

Shelf life and storage

12 months in original packaging, provided that it is stored in accordance with the guidelines.

AquaThene ALU TAPE rolls should be stored and transported in an upright position at a temperature above + 5°C. Protect against solar radiation, frost, heat and moisture. Improper storage conditions may have a negative effect on the adhesion of the tape.

Package

Rolls:
100 mm x 15 m
150 mm x 15 m
200 mm x 15 m

Industrial safety

During arrangement, wear appropriate clothing and protective glasses. Wash hands with warm water immediately after finishing work.

TECHNICAL PROPERTIES	AquaThene ALU TAPE
color	aluminum/black
top layer	aluminum foil
bandwidth	100 mm, 150 mm, 200 mm
thickness	≥ 1,5 mm
ambient temperature during application	-5°C to +30°C
water vapour permeability	Sd > 1500 m

The data contained in this technical data sheet are based on our experience and research, and constitute general information about the product and recommendations for application under standard conditions. The manufacturer guarantees the quality of the product, but has no influence on the conditions and manner of its use. In case of doubt, please contact us or make your own tests. With the appearance of this technical data sheet, the previous ones will no longer be valid.

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