



AquaThene® BITAPE

Bituminous, double-sided, self-adhesive tape for sealing and fastening

- for fastening and sealing of details, insulation and drainage layers as well as expansion joint tapes
- high breaking strength
- perfect adhesive and sealing properties
- flexible
- crack bridging
- solvent-free product.

Product description

AquaThene BITAPE is the tape 1.5 mm thick, made of bituminous compound modified with polymers, of perfect adhesive properties. It is protected with silicone paper from one side and with PE film from the other side. The tape is very flexible and of high tear resistance, and capable to bridge cracks. It is chemical resistant to natural, aggressive agents occurring in soil. The tapes are solvent-free and they do not contaminate underground waters. They are not resistant to prolonged exposure to UV radiation.

Intended use

AquaThene BITAPE is designed to stick insulating or drainage layers (dimpled film) to hydro-insulating surfaces of **AquaThene** membranes and to fasten expansion joint tapes tightly. It can be used to seal details, such as floor keys or pipe culverts. It can protect and seal edges and corners before sticking **AquaThene** membranes. It is suitable on mineral, plastic and metallic substrates.

AquaThene BITAPE shall not be used in sets with solvent products or on flat roofs where they can be exposed to direct sunlight.

Preparation of the substrate

The mineral substrates should be accordingly resistant, stable, even and without open cracks or sharp protruding elements. Gaps, any unevenness and losses shall be filled and levelled. Sharp edges and corners should be chamfered or spun.

Clean the surface from oil stains, tar, dust, flour and mortar remainders. Mount the tapes on dry substrates. Only mineral substrates can be slightly moist.

Mineral substrates shall be grounded with **AquaThene PRIMER**. Do not ground substrates made of sheet or plastic.

If the tape is to be applied in the early morning, make sure that there is no condensate on the surface (also on the grounded one) since the tape will not stick.

Application

Unroll **AquaThene BITAPE** and cut into fragments of required length. Roll up the long tape sections again.



At first, remove masking paper slowly and evenly, and stick the tape bands at the mountpoint. When long bands are required, remove the paper successively to avoid tape corrugation. Press and smooth the stuck fragments out. At the end, remove the protective film, immediately before the next layers are stuck (eg. EPS, XPS or protective boards).

Important

During arrangement, protect the sealing tape against sunlight, frost, high temperature and moisture.

Storage

Storage **AquaThene BITAPE** rolls at temperature above +5°C in vertical position. The tape should not be exposed to sunlight, frost, high temperature and moisture. Storage in too low or too high temperature has negative influence on the adhesive properties of the tape.

Use-by date

12 months in the original package.

Package

Rolls of 75 mm x 12 running metres
Rolls of 150 mm x 12 running metres

Industrial safety

During application, wear suitable protective suit.

PHYSICAL TESTING	AquaThene BITAPE
thickness	1,5 mm
band width	150 mm as a standard different widths available on order
use temperature	between -5 °C and +30 °C
reaction to fire according to EN 13501-1	E class

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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