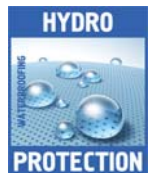


HYDROZOL® BITUMEN SEALING TAPE WITH ALUMINIUM FILM

self-adhesive bitumen tape laminated with aluminium foil
 extremely resistant to atmospheric influences, UV rays and aging,
 with high adhesion strength to almost all construction bases



Scope of use

HYDROZOL® BITUMEN SEALING TAPE WITH ALUMINIUM FILM is cold applied self-adhesive hydro insulation sealing tape on the basis of bitumen modified with elastomers. The sealing tape is laminated with colorful aluminium film which is strong and highly resistant to atmospheric influences. The film makes the tape long-lasting, protected from UV rays and aging. In addition, it provides the opportunity to choose between colours in accordance with the scope of use.

The sealing tape is meant for hydro insulation of expansion, structural and all other types of joints on various buildings. The product is used for sealing of ledges, chimneys, gutters, corners on walls, connections between walls and metal constructions, and others. When applied on the corners of the sanitary premises it prevents the appearance of moisture below the tiles. The sealing tape covers all types of holes and connections on the façade. It could serve as a secondary layer for prevention against moisture. The sealing tape is suitable for reparations of roofs and sealing of roofing windows, chimneys, bitumen membranes, streets, gutters, openings for antennas and many others.

HYDROZOL® BITUMEN SEALING TAPE WITH ALUMINIUM FILM has extreme heat resistance and frost resistance (from -10°C to 80°C). The tape is very flexible and it adheres directly on all types of basis. Owing to its flexibility and extremely easy usage, the sealing tape could be used in all types of weather conditions. The adhesive property of the tape makes it perfect for insulation and protection of all types of surfaces – plastic, metal, wood, ceramic, glass, concrete, stone, masonry and others.

The lower side of the sealing tape is protected by release polyethylene film with high density which protects the adhesive properties while the tape is being stored.



Properties

extremely high adhesion strength to many construction basis and surfaces	resistant to high and low temperature (from -10°C to 80°C)
excellent resistance to atmospheric influences	high elasticity and excellent flexibility
long-lasting	easy for use



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HYDROZOL® BITUMEN TAPE
WITH ALUMINIUM FILM
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Composition

Sealing tape from distilled bitumen mixed with polymers, covered by aluminium foil from one side and release polyethylene film from the other side.

Packaging and Indicative consumption

Package:

Roll with width 5 cm (10 m)
Roll with width 10 cm (10 m)
Roll with width 15 cm (10 m)
Roll with width 30 cm (10 m)

Indicative consumption:

Depending on the width of the joint and the surface of overlapping.

Expiration date and Storage

Store indoors in its original package 12 months after the date of the production at temperatures over 5°C, with no direct sun light!

Do not store close to solutions and acids since they could harm the product!

Instructions for Use

Base Preparation

HYDROZOL® BITUMEN SEALING TAPE WITH ALUMINIUM FILM is used onto all surfaces which are smooth, strong, dry, well cleaned from dust and grease, without freezing, damp and stains of salts.

All unevenness should be removed. If there are any sharp edges, they should be chopped off and rounded. Surfaces from freshly applied concrete or concrete slabs should be left to dry well for a period of 3 days to 8 weeks depending on the season.

In order to ameliorate the adhesion before application of the bitumen tape, the surface should be primed with HYDROZOL® BG-OR SOLVENT BASED BITUMEN PRIMER or with HYDROZOL® BG-AQ WATER BASED BITUMEN PRIMER. Drying time of the primer varies between 8 and 24 hours depending on the porosity of the surface, the temperature and the moisture of the environment. The application of the sealing tape should be performed immediately after the primer dries up.

Application

HYDROZOL® BITUMEN SEALING TAPE WITH ALUMINIUM FILM is applied in temperatures from +5°C to +40°C. Gradually remove the protective release film from the lower part. Then apply the sealing tape directly on the surface. The sealing tape should be pressed to the working area and smoothen by the use of a damp piece of clothing or by a small roller. In such case the adhesion is tight and the bubbles are removed (if any were formed after the application of the tape on the surface). On the places where the line of bitumen tape has finished and continuation by another line of the tape is necessary: overlap the corners by 25 mm.



When working in low temperatures, the sealing tape is heated up to normal temperature in order to ameliorate the adhesion and facilitate the application. Putting excessive pressure on the product while applying it in high temperatures may cause leakage of the bitumen that surpasses the lines of the aluminium film.

During application of the sealing tape in corners: firstly, cut the necessary length from the material; then remove the film from the lower side of the product; adhere on the first surface than on the second.

Attention!

The application of hydro insulation bitumen membranes should be performed at dry weather and temperature of the surface and the environment over +5°C.

The sealing tape cannot be applied using adhesive!

Do not use sharp or cutting objects to put pressure on the sealing tape!

Prime the base before applying the sealing tape on porous surfaces!

Technical data

Parameter	Measure	Testing result
Melting point	°C	+110
Flow resistance at elevated temperature	°C	+80
Cold resistance	°C	-10
Tensile strength when elongating	N/cm ²	35
Tensile strength when tearing	N/cm ²	30
Sheet resistance	N/cm ²	40
Elongation at tear	%	20

The information contained in the current document is based on our knowledge and recent technical achievements and experience that we have at the time of the last version. The technical recommendations concerning application that we offer in order to facilitate buyers and those working with our products are non-binding and are neither grounds for legal contract relations, or for additional obligations resulting from the purchase contract. They do not dispense buyers from the necessity to verify products' application according to the instructions for every specific use. We as manufacturers guarantee the quality of the product, but cannot influence the circumstances and methods of its use. Application of the product should be performed by qualified personnel.