



ATLAS HYDROBAND 3G

sealing tapes, corners and rings without perforation

- highly resistant to corrosive media
- UV-resistant
- flexible
- high tensile strength



EASY IN USE



FOR WALLS AND FLOORS



INDOORS AND OUTDOORS



FROST AND WATERPROOF



APPLY WITH FLOAT



APPLY WITH BRUSH

Use

Protect substrates against penetration of water and moisture (also under pressure) – in conjunction with waterproofing membranes: ATLAS WODER E, ATLAS WODER W, ATLAS WODER DUO or ATLAS WODER S.

Improve watertightness in areas where the use of ATLAS WODER type water- and damp proofing is not sufficient – particularly in corners of wet and damp rooms, along the joints between floors and walls, along expansion joints and construction joints. Form a full set for wet zones waterproofing:

- ATLAS HYDROBAND 3G tape – available in three widths: 125 mm, 250 mm and 400 mm, for sealing joints between screeds and walls as well as expansion joints,
- ATLAS HYDROBAND 3G internal corner – heat-formed of sealing tape, for sealing internal corners of rooms,
- ATLAS HYDROBAND 3G external corner – heat-formed of sealing tape, for sealing external corners of rooms,
- ATLAS HYDROBAND 3G wall ring (120 mm x 120 mm) – for sealing around wall-mounted taps and small diameter pipe passages in walls,
- ATLAS HYDROBAND 3G floor ring (425mm x 425 mm) – for sealing floor drains and pipe passages > 25 mm in diameter.

Protect 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.

Protect against moisture formed outdoors – balconies, terraces, façades, cellars, water tanks, underground garages, drains, etc.

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

Types of sealed substrates – PVC, steel sheet, cement, lime-cement or gypsum plasters, cement and anhydrite screeds, concrete and ferroconcrete elements, plasterboards, OSB, ATLAS WODER type waterproofing membranes.

Properties

Very good resistance to aggressive environment – alkalis and dilute acids.

Vast lateral expandability and flexibility of tape – it is elastic and retains water-proofing properties even after considerable deformation, which makes it an ideal sealant for joints between adjoining structural elements, which are subject to different stress, e.g. joints between walls and floors.

High tensile strength - owing to the use of resistant materials: polypropylene knit fabric and thermoplastic elastomer.

Technical data

The tape consists of three, specially coated layers:
- two outer layers of non-woven polypropylene
- resistant to weathering coat of thermoplastic elastomer.

Areal weight:	approx. 43 g/m ²
Total thickness:	approx. 0.7 mm
Temperature resistance	from -30 up to + 90° C
Maximum inner breaking pressure	1.5 bar
Ultimate elongation – lengthwise	70 %
Ultimate elongation – lateral	335 %
Tensile strength – lengthwise	104 N/15 mm
Tensile strength – lateral	23 N/15 mm
Resistance to water pressure of 1.5 bar (15 m water column)	resistant
UV resistance (500 h)	resistant

Technical requirements

The product has been given the ITB Technical Approval AT-15-6187/2010. Domestic Declaration of Conformity No. 15-6187/2013/5 of 31.05.2013. Factory Production Control Certificate No. ITB-0474/Z.

Tape installation

Substrate preparation

The substrate under the waterproofing membranes ATLAS WODER S, ATLAS WODER E, ATLAS WODER W or ATLAS WODER DUO should be prepared according to the guidelines listed in their Technical Data Sheets. It should be clean, free of dust, lime deposit and other contaminants.

Sealing

Places where accessories are to be installed should be coated with waterproofing membrane ATLAS WODER S, WODER E, WODER W or WODER DUO. The accessories should be embedded in the membrane directly after its application. After protecting all critical areas, the entire tape and accessories surface as well as the whole proofed area should be coated with the same waterproofing membrane, which is used for the first coat.

The membrane should be applied in minimum two coats. The first one is always applied with a brush or a roller, and the second one – using a steel float, a brush or a roller. The first coat should be intensively rubbed into the substrate. The second coat can be applied once the first one dries completely (after approx. 3 hours – the data apply to the temperature approx. 21-25 °C and humidity 45-55%).

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.
- When using ATLAS WODER E and ATLAS WODER W membranes - 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.
- When using ATLAS WODER DUO and ATLAS WODER S membranes - contains cement. May cause respiratory irritation. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. Keep out of reach of children. Avoid breathing dust. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or a rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Follow the instructions of the Safety Data Sheet.

Packaging

Tape width	125 mm	250 mm	400 mm
Roll length	50 m and 10 m	10 m	10 m
Collective package	box	box	foil-wrapped package

Internal corners are packed in collective packages, 10 pieces each.
External corners are packed in collective packages, 10 pieces each.
Wall rings are packed in collective packages, 10 pieces each.
Floor rings are packed in collective packages, 10 pieces each.

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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