



ATLAS HYDROBAND 3G

sealing tape and corners

- highly resistant to aggressive environments
- UV-resistant
- flexible
- high tensile strength



Properties

ATLAS HYDROBAND 3G consists of three layers:

- two outer, made of alkali-resistant, non-woven polypropylene,
- centre, made of an age-resistant, thermoplastic elastomer.

This arrangement of layers ensures reliable sealing and optimal adhesion of the tape to the waterproofing.

High chemical resistance to aggressive environments - to alkalis and diluted acids.

The ability to extend the tape considerably in the transverse direction - it is **flexible** - it remains watertight even under considerable deformation, making it ideal for sealing the joints of two structural elements that are in contact with each other but work differently, e.g. wall and floor edges.

High tear strength - thanks to the use of highly resistant materials: polypropylene knitted fabric and thermoplastic elastomer.

The ATLAS HYDROBAND 3G tape together with the ATLAS WODER waterproofing product line form an excellent waterproofing system with very high tightness and adhesion to the substrate. Perfect cooperation of the tape with ATLAS WODER line products is ensured by:

- the extensive mechanical adhesion of the waterproofing tape coating,
- high wettability of the tape surface by the product itself.

For use with waterproofing:

- ATLAS FAST-DRYING LIQUID FOIL WODER E,
- ATLAS WODER DUO,
- ATLAS WODER SX.

Purpose

Increase waterproofing around areas where the use of ATLAS WODER waterproofing alone is not sufficient protection against moisture - especially in the corners of wet and damp areas, along wall-floor junctions, along the course of expansion joints (including construction joints) and work gaps. They form a complete set for sealing wet areas:

- ATLAS HYDROBAND 3G tape - in two widths: 125 mm (with scaling and perforation) and 250 mm (without scaling and perforation), for sealing wall and floor subfloor edges and expansion gaps,
- ATLAS HYDROBAND 3G internal corner - a heat-formed element made of sealing tape, for sealing internal corners of rooms,
- ATLAS HYDROBAND 3G external corner - a heat-formed element made of sealing tape, for sealing external corners of rooms.

Protects against moisture arising inside buildings - plasters and screeds in wet rooms (bathrooms, baths, showers, kitchens, washing facilities), especially in the wet zones of these rooms - around showers, wash basins, bath tubs, sinks, etc.

Protect against moisture generated outside - balconies and terraces, cellars, water tanks, underground garages, manholes, etc.

They are recommended for the protection of elements particularly exposed to damage in contact with moisture - gypsum products (boards, plaster) and anhydrite products, cellular concrete, OSB, etc.

Type of substrates to be sealed - cement, cement-lime and gypsum plasters, cement and anhydrite screeds, concrete, reinforced concrete and brick, hollow block and block masonry elements, plasterboard, OSB, etc.

Technical data

Surface mass	approx. 43 g/m ²
Overall thickness	approx. 0.7 mm
Temperature resistance	from -30° C to + 90° C
Maximum internal rupture pressure	1.5 bar
Elongation at maximum longitudinal force	70 %
Elongation at maximum transverse force	335 %
Tensile rupture in longitudinal tension	104 N/15 mm
Tensile rupture in transverse tension	23 N/15 mm
Water pressure resistance of 1.5 bar (15 metres water column)	resistant
UV resistance (500 h)	resistant

Technical requirements

ATLAS HYDROBAND 3G (2021) ITB-KOT-2020/1439 Issue 1 National Declaration of Performance No. K9745-5/2021	
Overall width, mm	≥ 80
Overall thickness, mm	0,45 ÷ 0,84
Surface mass, g/m ²	≥ 340
Tensile mechanical properties: - maximum tensile stress, MPa - relative elongation at maximum tensile stress, %.	≥ 3,1 ≥ 170

ATLAS HYDROBAND 3G sealing tape is a component of product sets for waterproofing:

ATLAS WODER E ITB-KOT-2018/0491 Issue 1
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Tape assembly

Substrate preparation

The substrate for ATLAS WODER waterproofing should be prepared in accordance with the recommendations contained in their Technical Sheets. It should be clean, free from dust, lime milk and other impurities.

Sealing

The areas to be fitted with the accessories should be covered with one of the waterproofing products:

- ATLAS FAST-DRYING LIQUID FOIL WODER E,
- ATLAS WODER DUO,
- ATLAS WODER SX.

The accessories should be blended in immediately after application. After protecting all sensitive areas, the entire sealed surface and the surface of the sealing tapes and accessories at balcony/terrace eaves, floor drains, linear drains and gullies should be covered with the same waterproofing compound that was used for the first layer. In other cases, it is recommended to cover only the edges of the tape with waterproofing material. Covering the tape over its entire width is not required.

Packaging

Belt width	Roll length	Scaling and perforation
125 mm	50 m and 10 m	yes
250 mm	10 m	not

Important additional information

The information contained in the Technical Data Sheet is a basic guideline for the use of the product and does not release you from the obligation to carry out the work in accordance with the rules of the trade and in compliance with health and safety regulations. With the issue of this Technical Data Sheet, all previous ones are no longer valid.

The contents of the Technical Data Sheet and the designations and trade names used therein are the property of Atlas Ltd. Their unauthorised use will be sanctioned.

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