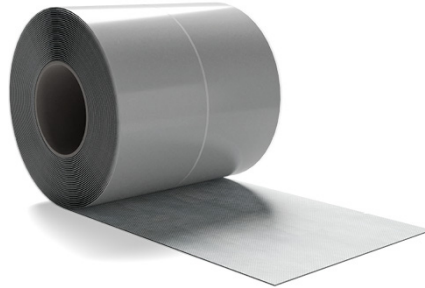

HydroBand SA Anti-Fracture

Technical Specifications



Continuous, elastic, crack-resistant, self-adhesive butyl tape for the waterproofing of corners, edges, wall-to-floor and wall-to-wall transitions, changes in slope and perimeter joints in swimming pools, terraces and showers.

Product description

Continuous, elastic, crack-resistant, self-adhesive butyl tape for waterproofing corners, edges, wall-to-floor and wall-to-wall transitions, changes in slope and perimeter joints on terraces, in damp rooms and showers.

It is easy to apply to cementitious substrates and ceramic tiles: the protective liner with overlapping flaps on the reverse side allows for easy removal and positioning; smooth out the self-adhesive tape.

No waiting time is required for the adhesive to set, and it is suitable for use on bituminous membranes and tar-based membranes.

The HydroBand SA Anti-Fracture multi-layer technology consists of an elastic, waterproof polymeric film made of age-resistant modified butyl rubber, coated on the upper surface with an alkali-resistant non-woven fabric made of modified polypropylene with a high specific surface area to ensure high adhesion of the membranes that will cover the tape during the waterproofing process.

For a perfect seal at corners, special pre-formed HydroCorner SA Internal pieces for internal corners and HydroCorner SA External pieces for external corners, engineered using the same technology, are available.

Certifications

EC1 Plus Gev Emissioncode
A+ Indoor air emissions

Substrates

Screeds
Self-levelling compounds
Levelling Compounds
Plaster and skim coats
Existing tiles
Radiant heating systems
Concrete and reinforced concrete
Plasterboard
Plaster and anhydrite
Fibre-cement sheets
Lightweight panels
Bituminous membranes and tar-based membranes

Uses

Interior – exterior
Floors – walls
Overlay
Terraces and balconies
SPA and Hammam
Indoor wet areas (bathrooms, showers)
Facades
Industrial flooring
Residential, public, commercial building

Limitations

Do not leave the product exposed
Do not use for waterproofing structural joints
Do not use in swimming pools, baths or fountains.
Thoroughly remove dust and condensation from the substrates before application.
Refer to national standards, such as UNI 11493

Product specifications

Composition	Multi-layer tape consisting of: - Waterproof, elastic polymer film made from modified polyethylene - Modified polypropylene non-woven fabric covering	
Colour	Grey	
Packaging	20 m roll	
Width	100 mm ± 3 mm	
Effective waterproof width	100%	
Weight	730 g/m ² ± 40 g/m ²	
Thickness	0.77 mm ± 0.1 mm	
Shelf life	Unlimited when protected from direct sunlight	
Customs heading	56031490	

Technical Specifications

Longitudinal breaking load	30 N / 15 mm	DIN EN ISO 527-3
Lateral breaking load	19 N/15 mm	DIN EN ISO 527-3
Longitudinal elongation at break	60%	DIN EN ISO 527-3
Lateral elongation at break	80%	DIN EN ISO 527-3
Peel test on neutral PVC	> 13 N/20 cm	
Resistance to water pressure	> 0.2 bar	DIN EN 1928 – Version B

Application Specifications

Preparation of substrates

In accordance with standard UNI 11493-1, substrates and coatings based on concrete, cement and plaster must be adequately cured and must not show signs of excessive moisture emission, condensation, efflorescence or hydrostatic problems. Substrates must be mechanically sound and free from loose particles, grease, oil, paint, wax and rising damp. Cement-based plasters must be allowed to cure for at least one week per centimetre of thickness. Cement-based screeds must have a total curing time of at least 28 days or be laid using the innovative X-Floor® and X-Floor® Pro anti-crack screeds. Surfaces that are particularly dusty, porous and absorbent can be treated with X-Prime®, an innovative fixative and consolidant. Smooth, compact substrates, such as old ceramic tiles or terrazzo, must be treated with the specific detergent X-Cleaner® Scrub. In the case of anhydrite screeds, ensure that a suitable vapour barrier is in place to prevent any rising damp. Check using a carbide hygrometer that the residual moisture content is less than 0.5% and 0.3% for underfloor heating screeds. Carefully remove any dust and/or condensation that may prevent adhesion, as this is a self-adhesive tape. In any case, the respective technical data sheets must be consulted for correct use of the indicated products.

Application

Cut the HydroBand SA Anti-Fracture tape to size. Position the tape at all the joints between floor and wall and between walls, overlapping it by at least 5 cm on the internal and external corners previously secured. Partially remove the protective liner and apply the tape to the horizontal part of the fitting, taking care to avoid creases or bubbles. Remove the other half of the protective liner and secure the tape to the vertical part of the fitting. Extend the tape a few centimetres beyond any pre-formed corners.

Warnings

Do not walk on or move the bonded tapes until the HydroPad membrane has set
Do not use for applications not listed on this technical data sheet
For further information, please contact Litokol's Technical Customer Service on +39-0522-622811 or via customer care@litokol.com

Safety Information

In accordance with current European regulations (Reg. 1907/2006/EC – REACH), the product is classified as an article and does not require a safety data sheet.
PRODUCT FOR PROFESSIONAL USE

Legal notices

The information and specifications set out in this technical data sheet are based on our best experience. However, as we are unable to directly influence site conditions or the execution of the works, these are general guidelines which do not in any way bind our Company. We therefore recommend carrying out a preliminary test to verify the product's suitability for the intended use; in any case, anyone intending to use it is required to

determine whether or not it is suitable for the intended use and, in any event, assumes all liability that may arise from its use. Always refer to the latest updated version of the Technical Data Sheet, available on the website www.litokol.com

Specification item

The waterproofing of wall-to-floor and wall-to-wall junctions on terraces, balconies, showers, spas, hammams and damp rooms where ceramic tiles, natural stone and mosaics are to be laid subsequently must be carried out using continuous, self-adhesive, elastic, anti-fracture butyl tape such as HydroBand SA Anti-Fracture by Litokol Lab SpA.

Product details **No. 638**

Revision **No. 0**

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