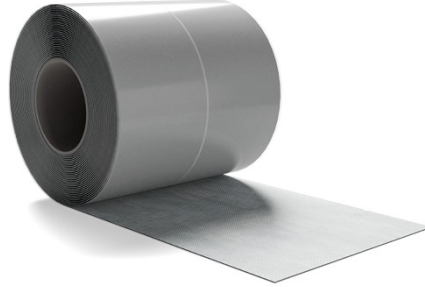

HydroBand SA Anti-Fracture

Technical specifications



Continuous, elastic, self-adhesive butyl anti-fracture tape for waterproofing corners, edges, wall-floor and wall-wall connections, changes in slope and perimeter joints in swimming pools, terraces and showers.

Product description

Continuous, elastic, self-adhesive butyl anti-fracture tape for waterproofing corners, edges, wall-floor and wall-wall connections, changes in slope and perimeter joints in terraces, wet rooms and showers.

It applies easily on cementitious substrates and ceramic tiles: the protective liner with overlapping flaps applied on the back allows for easy removal and positioning, smoothing the self-adhesive tape.

It is not necessary to wait for the adhesive product to harden and it is suitable for bituminous membranes and tar-based membranes.

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

For the perfect sealing of corners, special pre-formed pieces are available: HydroCorner SA Internal for internal corners and HydroCorner SA External for external corners, engineered with the same technology.

Certifications

EC1 Plus Gev Eimcode
A+ Emissions dans l'air interieurs

Substrates

Screeds

Self-levellers
Levellers
Plasters and skimming coats
Existing tiles
Underfloor heating systems
Concrete and reinforced concrete
Gypsum
Gypsum and anhydrite
Fibre cement slabs
Lightweight panels
Bituminous membranes and tarred membranes

Uses

Interiors - exteriors
Floors - walls
Overlaying
Terraces and balconies
SPA and Hammam
Indoor wet areas (bathrooms, showers)
Façades
Industrial floors
Residential, public, commercial building

Limitations

Do not leave the product exposed
Do not use to waterproof structural joints
Do not use in swimming pools, tanks and fountains.
Carefully remove any dust and condensation from the substrates before applying.
Refer to national regulations, such as Standard UNI 11493

Product specifications

Composition	Multi-layer tape made up of: - Elastic waterproof polymer film made of modified Polyethylene - Non-woven fabric covering made of modified Polypropylene
Colour	Grigio
Packaging	20 m roll
Width	100 mm +/- 3 mm
Usable 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 sunlight
Customs code	56031490

Technical specifications

Longitudinal tensile strength	30 N / 15 mm	DIN EN ISO 527-3
Lateral tensile strength	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

Specifications for application

Substrate preparation

In accordance with Standard UNI 11493-1, concrete, cement and gypsum-based substrates and coverings must be adequately cured and show no signs of excessive humidity, condensate, efflorescence or hydrostatic problems. The substrates must be mechanically resistant and free of friable parts, and clear of grease, oils, paints, waxes and rising damp. Cement plasters must have a curing time of at least one week per cm of thickness. Cementitious screeds must have a total curing period of at least 28 days or be made with the innovative anti-fracture screeds, X-Floor® and X-Floor® Pro. Particularly dusty, porous and absorbent substrates can be treated with X-Prime®, an innovative primer and consolidating product. Smooth and compact substrates, such as old ceramic or marble tiles, must be treated with the specific detergent X-Cleaner® Scrub. In anhydrite screeds, check for the presence of a suitable vapour barrier in order to prevent rising damp. Use a carbide hygrometer to check that the residual humidity is less than 0.5% and 0.3% for heating screeds. Carefully remove any dust and/or condensation that would prevent adhesion, as it 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 floor-wall and wall-wall connections, overlapping it by at least 5 cm on the previously installed internal and external corners. Partially remove the protective liner and secure the tape to the horizontal part of the connection, avoiding the formation of creases or bubbles. Remove the other half of the protective liner and fix the tape onto the vertical part of the junction. Overlap any pre-formed corners for a few centimetres.

Warnings

Do not walk on or move the glued tapes before the HydroPad membrane has hardened
Do not use the product for applications not indicated in this technical data sheet
For further information, contact the Litokol Technical Help Service at +39-0522-622811 or via customer care@litokol.com

Safety information

Based on European Regulations (Reg. 1907/2006/EC - REACH) the product is considered an article and therefore does not require safety data sheets.
PRODUCT FOR PROFESSIONAL USE

Legal notes

The information and provisions contained in this technical data sheet reflect our best experience. Given the impossibility of directly intervening on the conditions of the work site and execution of the works, they represent indications of a general nature, which are in no way binding for our Company. It is therefore recommended to perform a spot test in order to check the suitability of the product for the intended use. In any case, those

who intend to use the product must establish whether or not it is suitable for the intended use, and in any case assume all liability for any consequences resulting from such use. Always refer to the latest updated version of the technical data sheet, available on the website www.litokol.com

Item specification

The waterproofing of wall-floor and wall-wall connecting corners in terraces, balconies, showers, SPAs, Hammams and wet rooms, where the subsequent installation of ceramic and porcelain tiles, natural stones and mosaics is envisaged, must be carried out with elastic, continuous, self-adhesive butyl tape, such as HydroBand SA Anti-Fracture by Litokol Lab Spa.

Data sheet **n. 638**

Revision **n. 0**

Date: **04 25**

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