



LITOBAND BASIC

WATERPROOFING TAPE

DESCRIPTION

Litoband Basic is a waterproofing tape for indoor and outdoor use, made from a waterproof and vapour-proof thermoplastic elastomer, with an alkali-resistant fabric backing. For perfectly sealed corners, special LITOBAND strips are available for internal (IC) and external (EC) corners, pre-shaped using the same material.

ADVANTAGES

- For indoor and outdoor waterproofing.
- Suitable for use in intense operating conditions (from -30°C to +90°C).
- Excellent chemical resistance against many aggressive chemicals (see table).
- Excellent value for money.
- Can be used with all types of waterproofing membranes such as Elastocem, Coverflex and Hidroflex.

PACKS

Litoband Basic: Rolls of 10 and 50 linear metres.

Litoband Basic for internal (IC) and external (EC) corners: 25 strips per box.

INTENDED USE

Litoband Basic and pre-shaped IC and EC corners are used as reinforcing elements together with waterproofing membranes Elastocem, Coverflex and Hidroflex to seal corners in indoor and outdoor environments. They must be positioned between the first and second coat of waterproofing membrane. Typical applications include:

- Waterproofing wall-to-wall and wall-to-floor corners in environments waterproofed with Elastocem, Coverflex and Hidroflex such as bathrooms, showers, etc.
- Waterproofing expansion joints on balconies and terraces.
- Waterproofing reinforcement concrete structures such as pools, fountains, etc., prior to laying ceramic tiles or mosaics.

APPLICATION

Apply the waterproofing membrane to the corners of the environment that needs to be waterproofed, for a thickness of at least 1 mm; then apply the Litoband Basic sealing tape and pre-shaped corners from the fabric side, using a spatula and applying firm pressure to prevent the formation of air bubbles or folds. Make sure that the waterproofing membrane has not formed a film on the surface preventing the tape's adhesion. When used on joints, the Litoband Basic tape must be omega folded so it can absorb any tension. In this case, the waterproofing membrane will need to cover the sides of the tape and a few mm of the yellow waterproof part. The Litoband Basic tape must overlap any pre-shaped corners for a few centimetres. After the first coat has dried, a second coat of waterproofing membrane must be applied to completely cover the Litoband Basic elements.

WARNINGS

For more details on waterproofing wet indoor and outdoor areas, refer to the instructions in the Litokol *User catalogue*.

SAFETY INFORMATION

Consult the Material Safety Data Sheet, available on request.

PRODUCT FOR PROFESSIONAL USE

ITEM SPECIFICATIONS

For reinforced waterproofing in wall-to-wall and wall-to-floor corners in indoor and outdoor areas, waterproofing tape must be inserted made from a thermoplastic elastomer coupled with an alkali-resistant fabric, such as Litoband Basic by Litokol S.p.A.

**IDENTIFICATION DATA**

Total width	120 mm
Width of waterproof area	70 mm
Weight	555 g/m ²
Length of internal (IC) and external (EC) corners	150 mm
Thickness	0.6 mm
Customs code (Litoband Basic)	56039410
Customs code Litoband Basic per angoli interni (IC) ed esterni (EC)	63079098

APPLICATION DATA

Tensile strength	≥ 3,0 MPa
Tensile adhesive strength	≥ 0,5 MPa
Elongation at breaking point	≥ 80 MPa
Elongation at maximum load	≥ 75 MPa
Maximum pressure	2.0 bar
Shore hardness	60
Temperature resistance	From -30°C to +90°C
UV ray resistance	Resistant

CHEMICAL RESISTANCE

Litoband Basic is resistant against contact with the following aggressive chemicals:

ozone, ammonia, 5% caustic soda solution, ethyl alcohol, nitric acid, hydrochloric acid, citric acid, lactic acid, sodium hypochlorite.

Although the information provided on this technical sheet is accurate to the best of our knowledge and experience, it is intended purely as a guideline.

The user must carry out preliminary practical tests for each specific job and is solely responsible for the final result.

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