

LicaBand RL12

Alkaline-resistant elastic tape, coated with an unwoven polypropylene fabric, specifically designed for waterproofing and sealant application, for perimeter joints, connections and areas subject to slight shifting

LicaBand RL12 is a pre-formed waterproofing tape made with special elastomers coated with an unwoven polypropylene fabric, for internal and external use. It is used in waterproofing work with **Hydro MonoElasto 100** and **Hydro Bielasto 200**, along the wall-floor and wall-wall joints, fractionating joints, damages, corners, cracks and areas affected by slight shifting. Easy and quick to apply, **LicaBand RL12** stands out for its high elasticity across the full width, combined with outstanding alkaline and chlorinated water resistance, an added value which makes it also suitable for use in tubs and swimming pools.

MAIN AREAS OF APPLICATION

LicaBand RL12 is mainly intended for use as reinforcement and waterproofing for:

- Fractionating joints
- Floor-wall and wall-wall overlaps
- Corners
- Cracks
- Areas affected by stresses and particular shifting

CHARACTERISTICS

- High elasticity across the whole width
- Waterproof
- Easy and quick to apply
- Alkaline resistant
- Resistant to chlorinated water

APPLICATION METHOD

Preparing the substrate

Mechanically remove all flaking parts or easy to peel off, the surface must be dry and free any trace of dust or residue from surface treatments such as: detergents, oily substances, mineral or organic greases, waxes, traces of gypsum and salt. The substrate must not have any free water stagnating on it - if this is the case, it must be removed or dried. On surfaces with damp or penetrating damp, apply the primer for damp substrates **EpoxyCem TX** (contact our technical service for the type and method of application).

Application

Apply onto the sides of the floor-wall, wall-wall joints, fractionating joints, etc. a thin layer (at least 1 mm) of waterproofing sheath **Hydro Monoelasto 100** or **Hydro Bielasto 200**. Bond the tape **LicaBand RL12** onto the fresh layer of **Hydro Monoelasto 100** or **Hydro Bielasto 200** using a smooth trowel. After at least 24 hours, depending on y at least 4 cm. In the case of joints (such as on terraces) **LicaBand RL12** must be positioned in their seat so as to form an Omega, so it can be subjected to stresses. For corners, edges, drains and piping holes, use dedicated accessories. We advise against leaving **LicaBand RL12** exposed to UV rays.



PRODUCT INFORMATION

Appearance	Grey flexible tape
Composition	Thermoplastic elastomer resistant to ageing and covered with PP fibre
Application	Fractionating joints, floor-wall overlaps, wall-wall joints
Thickness	0.7 mm
Width	120 mm
Weight of material	43 g/m
Operating temperature	From -30 °C to + 90 °C
Length per roll	50 m and 10 m

PERFORMANCE

Characteristic	Test Method	Performance
Resistance to hydrostatic pressure	Internal	>2 bar
Longitudinal tensile strength	DIN EN ISO 527-3	104 N/15 mm
Lateral tensile strength	DIN EN ISO 527-3	23 N/15 mm
Ultimate longitudinal elongation	DIN EN ISO 527-3	70%
Ultimate lateral elongation	DIN EN ISO 527-3	335%
Lateral force absorption at 25% elasticity	DIN EN ISO 527-3	0.31 N/mm
Lateral force absorption at 50% elasticity	DIN EN ISO 527-3	0.34 N/mm
Resistance to UV rays	DIN EN ISO 4892-3	500 h
Fire performance	DIN EN 4102	B2
Resistance to hydrochloric acid 3%	Internal	Resistant
Resistance to sulphuric acid 35%	Internal	Resistant
Resistance to citric acid 100g/l	Internal	Resistant
Resistance to lactic acid 5%	Internal	Resistant
Resistance to potassium hydroxide 3%/20%	Internal	Resistant
Resistance to sodium hypochlorite 0.3 g/l	Internal	Resistant
Resistance to salt water (20g/l of sea salt)	Internal	Resistant

SAFETY

As regards the information concerning proper product disposal, storage and handling, please consult the relevant Safety Data Sheet.

NOTES

This technical data sheet replaces and cancels all previous versions.

The indications and performance levels provided in this document are based on our current technical-scientific knowledge and in any case should be considered as purely indicative since the conditions of use are in no way under our control. The purchaser must therefore check the suitability of the product for his or her specific needs, assuming all responsibility deriving from its use. Our technical-sales network guarantees a speedy response and is at your disposal for any clarifications or queries regarding the use and processing of **licata SpA** products.

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