

## Water Band

Elastic waterproofing band for sealing joints and connections in areas that are prone of humidity and slight movement in the cementitious waterproofing systems of *licata*. **waterproofing**



**Water Band** is a pre-formed waterproofing band consisting of a polyester mesh fabric soaked in the centre with a special ageing-resistant elastomer, for use both indoors and outdoors. It is used in waterproofing systems with **Hydro Monoelasto 100** and **Hydro Bielasto 200**, in line with floor-wall joints, wall-wall joints, expansion joints, cracks, corners, splits and areas prone to slight movement. Water Band **is easy to use and lay**; it is thin and has good transversal elasticity and longitudinal stiffness. It has excellent resistance to alkalis and chlorinated water which is an added benefit, allowing it to be used in tanks and swimming pools.

---

### MAIN FIELDS OF USE

**Water Band** is mainly used as a reinforcement and waterproofing system for:

- Fraction joints
- Floor-wall and wall-wall overlaps
- Corners
- Cracks

---

### CHARACTERISTICS

- Good transversal elasticity and longitudinal stiffness
- Waterproof
- Easy and quick of application
- Resistant to alkalis
- Resistant to chlorinated water

---

### APPLICATION METHOD

#### Preparation of the substrate

Mechanically remove any flaking or easily detached parts. The surface must be dry and free from any traces of dust, residual surface treatments, such as: detergents, oily substances, mineral or organic oil, wax, traces of chalk and salt. There must be no free or standing water on the substrate, which, if present, must be removed and dried. Apply the primer for damp substrates, **EpoxyCem TX** on damp surfaces or with rising damp (contact our technical support service for the type and method of application)

#### Application

Apply a thin layer (at least 1 mm) of the waterproofing sheath, **Hydro Monoelasto 100** or **Hydro Bielasto 200** on the sides of floor-wall joints, wall-wall joints and fraction joints, etc. Apply the **Water Band** on the layer of **Hydro Monoelasto 100** or **Hydro Bielasto 200** while still fresh, using a smooth float. After at least 24 hours, depending on the weather conditions, apply a second coat of the same product used for the bonding. The band can be joined/bonded with the same material chosen to do the waterproofing, or with polyurethane grouts from the **bond&seal** range, by overlapping the edges by at least 4 cm. Where there are joints (e.g. on terraces), **Water Band** must be positioned so that it forms an omega-shaped joint, thus allowing it to withstand pressure. Use the relevant accessories for corners, edges, drains and pipe holes.

Do not leave **Water Band** exposed to UV rays.



## PRODUCT INFORMATION

Appearance	White/grey flexible band
Composition	Polyester mesh fabric substrate, coated in the centre with ageing-resistant elastomer
Application	Fraction joints, floor-wall overlaps, wall-wall joints
Thickness	0.52 mm
Width	120 mm
Weight of the material	29 g/m
Temperature of use	From -30 °C to +90 °C
Length of roll	50 m and 10 m

## PERFORMANCE

Characteristic	Test method	Performance
Hydrostatic pressure resistance	Internal	>1.5 bar
Longitudinal load at break	DIN EN ISO 527-3	63 N/15 mm
Lateral load at break	DIN EN ISO 527-3	36 N/15 mm
Longitudinal elongation at break	DIN EN ISO 527-3	26%
Lateral elongation at break	DIN EN ISO 527-3	123%
Lateral absorption of force at 25% elasticity	DIN EN ISO 527-3	0.7 N/mm
Lateral absorption of force at 50% elasticity	DIN EN ISO 527-3	0.9 N/mm
Resistance to UV rays	DIN EN ISO 4892-3	500 h
Resistance to 3% hydrochloric acid	Internal	Resistant
Resistance to 35% sulphuric acid	Internal	Resistant
Resistance to 100g/l citric acid	Internal	Resistant
Resistance to 5% lactic acid	Internal	Resistant
Resistance to 3%/20% potassium hydroxide	Internal	Weakened/Resistant
Resistance to 0.3 g/l sodium hypochlorite	Internal	Resistant
Resistance to salt water (20g/l of sea water)	Internal	Resistant

## SAFETY

Please consult the safety data sheet for information about product disposal, storage and usage.

## NOTES

This data sheet replaces and voids all previous versions.

The indications and specifications given in this document are based on our current technical and scientific knowledge. They should, however, be considered as purely indicative because we have no control over the conditions in which the product will be used. The purchaser must, therefore, check that the product is suitable for his specific requirements. Our sales and technical network guarantees rapid consultancy services and is at your disposal for any clarifications and

questions you may have about the use and application of **Licata SpA** products.

**Data sheet ref.: 280/18.1**