FIX-TAPE 170 mm x1,5 mm

Thermoplastic elastomere, elastic strip for moving joints, dilatation joints, fissures,...

WARNING

FIX-TAPE must not be used:

- ◆ for other applications without consulting the Technical Dept.
- ◆ on dirty surfaces with disjointed parts, left-over paint, etc.
- ◆ on surfaces which cannot withstand minimum tension of 1 N/mm^2

Strip: 170 mm x 30 linear metres

FIELDS OF APPLICATION

- Ideal for sealing construction joints, fissures, **expansion joints** to make them completely watertight in industrial flooring, pools, drinking water tanks, terraces, shopping centres, etc. Joining to the substrate with **EPOXICOL** guarantees the adhesion of an epoxy resin and the water resistance of a superelastic strip.
- Waterproofing corners between adjacent wall-wall and/or wall/floor before treating with **HIDROELASTIC**, **HIDROFLEX**,...
- Can be used for different surfaces: mortar, concrete, epoxy resins, aluminium, PVC liners, etc. (but with an appropriate adhesive - please consult).
- Reconstruction of concrete **steps**, ornamental pieces, stone walls, etc.
- Suitable for **sealing cracks**, fissures and joints subjected to high levels of structural movement: bridges, canals, bund walls, etc.

TECHNICAL SPECIFICATIONS

FIX-TAPE is a thermoplastic elastomer with excellent properties.
Its outstanding features are:

- ◆ Very high mechanical resistances in flexion and compression.
- ◆ High resistance to wear.
- ◆ High stretching to breaking point and improved resistance to wear, even at low temperatures.
- ◆ High resistance to UV rays.
- ◆ Very good resistance to chemicals (see table).
- ◆ Resistant to plant and tree roots.
- ◆ Simple connection of overlaps with thermal bonding.
- ◆ Can come into contact with bitumen.

INSTRUCTIONS FOR USE

- ◆ **Preparing the substrate:**
  Cleaning the surface correctly, completely and carefully is the best way of ensuring long-lasting hold. Make sure to remove any crumbling concrete or lumps, unsafe and falling material. Also remove any dust, paint, wax or stripping agents, etc.

- ◆ **Applying the strip:**
  First of all, place all of the sections of strip together to ensure you have enough to cover the complete expansion joint.
  FIX-TAPE strips can be joined easily by leaving an overlap of at least 5 cm and applying hot air at 320°C.
  Place the strip inside the expansion joint and hold in place using **SELLALASTIC FOAM**.
  Apply a layer of adhesive to each side of the joint and apply pressure between the strip and adhesive using a hard roller or metallic trowel. In order to ensure perfect hold, at least the felt zone and 2 cm of the strip must be in contact with the adhesive,

leaving the central part clean.
In order to ensure a neat finish, we recommend using masking tape to specify an area just the right width for the adhesive around the expansion joint.

◆ **Choose the right adhesive:**
On mortar or concrete surfaces use **EPOXICOL** adhesive to achieve maximum adherence.
When you are applying a waterproofing layer such **HIDROELASTIC**, **HIDROFLEX**, **HIDROFIX**,... apply a thin layer of this mortar at least 1-2mm thick below the felt area and 2 cm below the strip; then add more mortar to the top.

SPECIFICATION:	
Movement:	JOINT WIDTH
25-40mm.	1-35 mm.

CONSUMPTION:	
FIX-TAPE	depends on linear metres to be joined and overlaps
EPOXICOL	approx. 0.5 - 0.75 kg/ml to obtain a final thickness of 2 mm

TECHNICAL DATA	FIX-TAPE
PRODUCT:	
• Type:	Heat-shrunk elastomer
• Mass:	1100 g/m² (EN 1849-2)
• Thickness:	1,5 mm. (EN 1849-2)
• Toxicity:	No
• Longitudinal breaking force:	140 N / 15mm
• Lateral breaking force:	58 N / 15mm
• Elongation at break:	486 % (EN 527-3)
• Resistance to water pressure:	> 3,0 bar
• Resistance UV:	2480 hours
APPLICATION:	
• Application temperature:	+12°C to +30°C required by adhesive
• Walkable at:	24 hours
CHEMICAL RESISTANCE:	
• resists:	soft solvents and diluted acids
• can not resist:	gasoline, mineral oils and heavy solvents: acetone, hydrocarbons,...
STORAGE:	
• In a dry, covered, ventilated place:	no expiry date
PRESENTATION:	
Supplied in:	170 mm width x 1,5 mm thickness rolls (length 30 m) light grey strips.

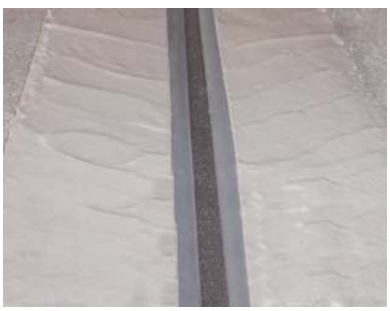
Place the strip along the centre of the joint and make a pleat to be filled with **SELLALASTIC FOAM**.

The masking tape should be around 2 cm from the strip.

Mix p.ex. the **EPOXICOL** and apply a layer of 1 - 2 mm up to the masking tape.

Stick the strip and then add more **EPOXICOL** to the top and sides.

Remove the self-adhesive tape from both sides and also remove the central strip.


This is the end result: a guaranteed waterproof expansion joint.