



Description

Thermoplastic elastomeric dilatation tape for wall and base connections, expansion and construction joints.

Fields of Application

Waterproofing of;

- Underground concrete elements like foundations, retaining walls, basement walls.
- Permanently wet areas like pools.
- Water depots, treatment plants, tunnels.
- Terraces, balconies, parapets, roof finishings.

Properties

- Resistant to dilute acidic and alkali solutions.
- Resistant to UV.
- High elasticity and bonding strength.
- It keeps its flexibility even in cold weather.
- Resistant to high water pressure.
- Fusible with standard hot-air-dryers.
- Easily applicable.

Preparation of Substrates

- The inner and outer surfaces of the joints to be applied must be free from oil, dirt and dust.
- Surface must be clean, dry and free from oils, grease, paint residues and other loose materials.
- Use Tamirart or Tamirart S40 in case of any loose and uneven substrates to get a sound and flat surface.

Application

- Place the waterproofing tape on the joint to be applied. Adhere by applying Epotech + and Tamirart EP under the perforated region.
- After Kalekim Dilatation Band is placed on the epoxy adhesive applied on the dilatation joint, the second layer of epoxy adhesive should be applied wet-on-wet on the perforated sides and the tape is adhered to the surface.
- Where longitudinal joining is required, hot air can be blown until the band melts and welded to another dilatation band.
- For fusing, select a low temperature setting so that only the surface of the tape melts in order not to affect the tightness of the product.
- In order to obtain desired elongation of Kalekim Dilatation Tape, avoid contamination of the middle area of the tape with epoxy adhesive. The tape must stay flexible by doing upside-down omega.

Storage

- Store in cool and dry medium protecting from direct sunlight for 24 months.

Packaging

- 20 m roll in paper box.

Quality of Certificate

DIN EN 13697

Technical Properties

(at 23°C and 50% RH)

General Data

Appearance	Grey, perforated edges
Width	200 mm
Thickness	1.0 mm \pm 0.1

Application Data

Shore A Hardness	~90
Burst Pressure	> 4.0 bar
Breaking Strength (lengthwise) (DIN EN 12311-2 Method B)	> 15 N/mm ²
Breaking Strength (widthwise) (DIN EN 12311-2 Method B)	> 15 N/mm ²
Elongation at Break (long.) (DIN EN 12311-2 Method B)	>600 %
Elongation at Break (trans.) (DIN EN 12311-2 Method B)	>650 %
Bond Strength (DIN EN 1348)	>4.5 Bar
Resistance to Water Pressure (DIN EN 1928-B-400 kPa/72 Std.)	>4 Bar
Resistance to UV (DIN EN ISO 4892-2)	\geq 6500 hour
Reaction to Fire	Class E
Temperature Resistance	(-30°C) - (+90°C)

3502 Kalekim Dilatation Tape