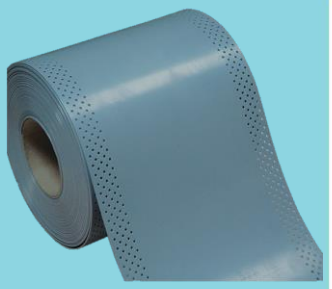
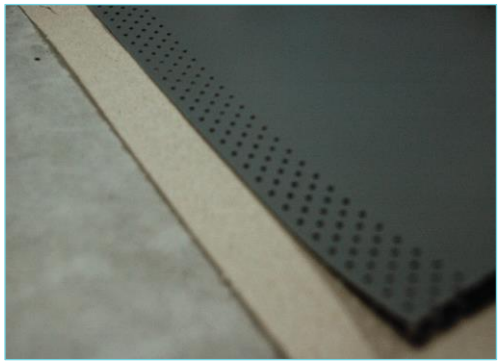
Kalekim

3502 Kalekim Dilatation Tape

Elastic Waterproofing Tape for Dilatation

Technical Data Sheet





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, paraphets, 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

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info@kalekim.com

Revision Date: <REV_TARIHI>

Revision No.: <REV_NO>

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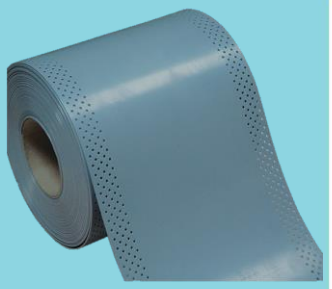

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Technical Properties

(at 23°C and 50% RH)

General Data

Appearance	Grey, perforated edges
Width	200 mm
Thickness	1.0 mm ± 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)	≥6500 hour
Reaction to Fire	Class E
Temperature Resistance	(-30°C) - (+90°C)

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