

# IKO TEKBAND

## Use:

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### On cracks in a asphalt layer:

- Cracks cause by heat deformation.
- Horizontal joints.
- Discontinuities between different materials.
- Cracks in road surfaces.
- Cracks cause by underneath expansion joints.
- Utility excavations.
- Subsystem refraction.
- Rim damage.

### Characteristics:

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IKO TEKBAND is highly compatible with most materials used for surfacing roads: concrete, steel, cast-iron, stone and bituminous mix, etc.

*It is not recommended for sealing surfaces previously treated with cold bituminous mix.*

### Characteristics:

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- Softening Point according EN 1427: >200 °C
- Density at 25 °C according EN 138801:  $1.21 \pm 0.01$  kg/m<sup>3</sup>
- Cone penetration at 25 °C according EN 13880-2:  $2.2 \pm 2$  mm
- Resilience at 25 °C according EN 13880-3:  $0.6 \pm 2$  mm
- Brookfield viscosity at 180 °C according EN 13072-2: 186.000 cps
- Flow resistance at 60 °C according EN 13880-5: 0 mm
- Sliding friction resistance according BS 812 PART 3:1975 TRL Road Note 27: > 60 BPN
- Adhesion to concrete according DIN 1996-19:  $76.2 \pm 5.5$  N/cm<sup>2</sup>
- Plasticity / impact strength according DIN 1996-19:  $75 \pm 5$  %
- Hardness (Shore A) according ASTM D 2240: 70

## Implementation:

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### 1. Preparation of the joints

- The maximum size of repairable cracks must **not exceed 10 mm**.
- The surfaces involved must be perfectly dry, devoid of grease and free from dust or impurities.

*Use on grain free or non-compact surfaces is not recommended.*

- The installation surface must be in an area of heavy traffic; Traffic movement is crucial for the product to work properly as it favours cracks compacting.

*The product is not recommended on low-traffic roads, cycling paths, pavements, private roads, private home entrances and car parks.*

- Installation must occur at air temperatures above 15 °C to enable it from a total seal by means of the traffic movement. At air temperatures lower than 15 °C prepare the surface with IKO tinascoat primer spray.

### 2. Application

- IKO TEKBAND must be installed horizontally along the crack, equally divided across the sides of the crack.
- Use of the IKO TEKBAND Application Trolley will make installation easier and faster.
- Dust the surface of IKO TEKBAND with ardesia granules or sand grain 0/2 mm.
- The product will become bedded down though trafficking.

### Storage:

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The products retain their quality and characteristics for a long time; but we suggest their use within 12 months. Goods should be stored in a covered dry place at a temperature of between + 5 °C and + 40 °C. The IKO TEKBAND is not affected by freezing.

### Sizing and palletization:

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- 30 - 40 - 50 X 3 mm: 15 lm. per rolls / 2 rolls per box / 30 lm. per box / 3600 lm per pallet.
- 30 - 40 - 50 X 4 mm: 12.5 lm. per rolls / 2 rolls per box / 25 lm. per box / 3000 lm per pallet.
- 100\* X 4 mm: 12.5 lm. per rolls / 1 roll per box / 12.5 lm. per box / 1500 lm per pallet.

\* To be used only on cross joints.