

IKO TEKBAND

Use:

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:

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:

- Softening Point according EN 1427: $>200^{\circ}\text{C}$
- Density at 25°C according EN 138801: $1.21 \pm 0.01 \text{ kg/m}^3$
- Cone penetration at 25°C according EN 13880-2: $2.2 \pm 2 \text{ mm}$
- Resilience at 25°C according EN 13880-3: $0.6 \pm 2 \text{ mm}$
- 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: $> 60 \text{ BPN}$
- Adhesion to concrete according DIN 1996-19: $76.2 \pm 5.5 \text{ N/cm}^2$
- Plasticity / impact strength according DIN 1996-19: $75 \pm 5 \%$
- Hardness (Shore A) according ASTM D 2240: 70

Implementation:

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:

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 $+5^{\circ}\text{C}$ and $+40^{\circ}\text{C}$. The IKO TEKBAND is not affected by freezing.

Packaging:

- 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.