

IKO COMPOUND MN 20 EJ

ELASTIC SEALING COMPOUND - HOT APPLIED - FOR SEALING WIDE JOINTS IN BRIDGEHEADS AND AS JOINT BETWEEN CONCREET AND ASPHALT ROADS

Description:

Sealing compound that is applied hot, based on bitumen and elastomers.

Use:

- Ideal for filling wide and deep joints in bridgeheads (compound joints).
- Is used as a mixture with tinned 8/16 grit, which creates a smooth joint filler that is strong enough for high point loads.
- Forms a bond between the transitions on concrete and asphalt roads.

Characteristics:

- Has established elastic properties.
- High rigidity.
- Does not become fluid at high temperatures (+/- 70 °C).
- Maximum movement of the joint around 40 mm.

Caracteristics:

- Colour black
- Density at 20°C +/- 1
- Cone penetration
- Bullet penetration & rebound
- Needle penetration 25°C 100 g 5s35 71%
- 42.8
- Ring & ball 99.5 °C
- Vertical efflux 0 mm
- Resistance to aggressive substances. Diluted
- Acids yes
- Bases yes
- Hydrocarbon solvents no
- Mineral oils no

Cleaning tools and stains:

Immediately, using white spirit.

Implementation:

1. Preparation of the substrate

- If the joint is milled out in 'ZOAB' (i.e. very open asphalt concrete), the edges must first be ground to prevent damage to this wearing course.
- The joint must be clean, dry and free from dirt.
- A galvanised metal sheet must be placed across the bottom of the joint. This must be secured at the side of the oncoming traffic.
- A layer of IKO CP primer Black must be applied, followed by a layer of IKO Compound MN 20 EJ.

2. Melting and application of IKO COMPOUND MN 20 EJ

- The melting takes place in a melting pot with oil bath, fitted with a stirring rod and thermostat.
- Flow temperature: +/- 160 °C
- Critical temperature: +/- 200 °C
- Application temperature: +/- 170 °C
- In order to facilitate initial melting, it is recommended to fill the melting pot to no more than 1/3rd of its capacity.
- As soon as melting has started, the melting pot may be filled completely.
- Heat the tinned 8/16 grit to at least 180 °C, and apply to the joint.
- Pour the IKO Compound MN 20 EJ at a temperature of +/- 170 °C.
- If the depth of the joint exceeds 5 to 6 cm, work with several layers.
- Give the IKO compound MN 20 EJ the necessary time to enable the complete saturation of the joint.
- If possible, allow the joint to cool down completely before applying the final layer (cooling causes some shrinkage to the IKO Compound MN 20 EJ).
- Finish by spreading grit and rolling the surface.

Storage:

Unlimited. No special precautions required.

Packaging:

17 kg cardboard boxes.