

IKO COMPOUND S 40

Description:

Single component, permanent elastic bitumen elastomer based compound.

Use:

- Sealing narrow joints between concrete road slabs.
- Sealing joints and cracks for roofs waterproofing.

Characteristics:

- Completely impermeable to water.
- Excellent adhesion to bituminous materials.
- Excellent adhesion to concrete, asbestos cement, zinc and metals.
- Prevents dirt encrustation.
- Easy application.
- Resistant to diluted acids and alkalis.

Characteristics:

- Colour: black
- Density at 20° C: +/- 1,37
- Drying time - RH 50-60%
 - touch dry: +/- 24 h.
 - obtains its physical properties: +/- 5 weeks
- Flash point (of solvent vapours): +/- 24° C
- Temperature resistance: from - 20° C to + 80° C
- Application: from 5° C to + 40° C
- Strength resistance (elongation)
 - at 20° C: 200 %
 - at 0° C: 100 %
 - at -10° C: 25 %
- Vertical flow - at 60° C: 0,5 %

Consumption rate:

+/- 1,2 kg for 10 running metres of 10 x 10 mm joints.

Implementation:

1. Preparation of the support

- Check that the edges of the joint are clean, dust free, degreased and free from loose particles. COMPOUND - MASTIC S 40 may be applied to slightly damp surfaces.
- The behaviour of a sealing compound is strongly influenced by the cross-section of the joints. It is therefore advisable to check that it is correct throughout, taking into account the probable elongation of the sealant.
- Prevent the sealant from bonding to the bottom of the joint by laying a closed cell polyethylene foam strip such as FLEXIJOUNT. This joint filling strip will also help limit the depth of the joint.
- The temperature should be between 5° C and 40° C during application.
- Primer :
 - No primer is necessary on traditional materials such as concrete, asbestos cement, zinc and metals.
 - On porous surfaces, use an impregnating bituminous primer such as BLAXOL or PRIMER BITUM.

2. Applying COMPOUND - MASTIC S 40

- Cartridge:
 - Completely pierce the sealing membrane at the end of the cartridge.
 - Screw on the plastic nozzle which has been cut at an angle to give the required diameter and insert the cartridge into the application gun.
 - Immediately apply the mastic, properly sealing the edges of the joint without trapping air between the mastic and the bottom of the joint.
- Metal drums:
 - Apply with pneumatic pump and pistol.

Storage:

2 to 3 years in sealed packs.

Sizing and palletization:

- Boxes of 12 x 310 ml cartridges. (MASTIC S 40)
- Metal drums of 30 kg (COMPOUND S 40)