IKO Compound S40

Description:

Single component, permanent elastomeric bitumen based compound.

Use:

- Sealing narrow joints between concrete road slabs, max 10mm.
- Sealing cracks and joints in concrete, fibrecement, zinc, metal and bitumineous membranes.

Characteristics:

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

Caracteristics:

Colour	Black
Density at 25°C	+/- 1,37
Curing time at 20°C and 50% RH:	
Touch dry	After 24h
Obtains its physical properties	After +/- 5 weeks
Temperature resistance	-20°C to +80°C
Application	Between 5°C and 40°C
After curing:	
Vertical flow at 60°C	0,5%
Elasticity at 20°C	200%
Elasticity at 0°C	100%
Elasticity at -10°C	25%

Consumption rate:

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

Cleaning tools and stains:

- White spirit
- IKO bitumen cleaner

Implementation:

Preparation of the substrate

- Check that the edges of the joint are clean, dust free, degreased and free from loose particles. IKO Compound S40 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 advised 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 IKO flexijoint. 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 required on traditional materials such as concrete, fibrecement, zinc and metals.
  - On porous surfaces, use IKO CP Primer.

Applying IKO Compound S40

- Cartridge:
  - Completely pierce the sealing 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 compound, 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:

3 years in hermetically sealed packaging

Sizing and palletization:

- 310mL Cartridge (item number 02100210)
  - 12 cartridges per box
- Metal drums of 30kg (item number 02100200)

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