

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 crosssection 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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