IKO 400 AK

Description:

Auto-leveling, 2 component polyurethane based joint sealing.

Use:

- **Dilatation joints** between concrete elements, tiling, metal profiles e.g. : roads, bridges, parking places, industrial floors...
- **Linking joints** between metal structures and concrete floors e.g. : metal hangars, tanks, pylons, poles, profiles...

Characteristics:

- Joints anti-kerosene: excellent resistance to hydrocarbons, chemicals and diluted acids
- Great elongation
- Permanent elasticity even at low temperature
- Excellent adhesion

Caracteristics:

- Type: 2 component polyurethane
- Mix proportion weight A/B: 100/40
- Pot life: at 10°C 50 min
- 20°C 40 min
- 30°C 30 min
- Dry time: at 10°C 18 h
- 20°C 8 h
- 30°C 6 h
- Density at 20°C: Comp. A +/- 1,55 ± 0,05
- Comp. B +/- 1,05 ± 0,05
- Comp. A&B +/- 1,35 ± 0,05
- Shore A at 25°C: 20-30
- Cone penetration at 25°C 0,1mm: 20-40
- Elongation at 20°C: > 250%
- Elongation at -29°C: >50%
- Adhesion and Cohesion after stretching and
- compression at -29°C: No adhesive ore
- cohesive break
- Color: Grey/Black

Conforming: CE EN 14188-2 SS.S 200E

- Stitch resistance at -20°C (MPa): 0,6 No adhesion or cohesion
- Cohesion at -20°C (MPa): 0,82 No adhesion or cohesion
- Deform resistance: Elastic recovery (%) 98 Volume loss (%) +0,7
- Waterproof behavior with chemical pruducts: Mass variation (%) -9,6, Volume variation (%) -13,1
- Cohesion behavior with chemical products: No adhesion or cohesion
- Characteristic behavior ageing: Stretch (%) -4, No adhesion or cohesion

Implementation:

1. PREPARATION OF THE JOINTS

- Refer to the “Code of good practicefor building joint”.
- Check the conformity of the joints in order with the foreseeable elongation.
- The edges of the joint must be clean, dry, free from dust, grease and non-adhesive particles.
- On concrete surface uses Asco 400 AK Primer B. Apply the sealant after minimum 30 min and maximum 4 h.
- On hydrocarbon surface uses Asco 400 AK Primer M. Apply the sealant after minimum 1h and maximum 12 h.
- Install a non-adhering polyurethane closed cells foam strip FLEXIJOINT into the joint prior to sealing.
- The minimum width of the joints should be 8 mm.

2. MIXING OF THE COMPONENTS

- IKO 400 AK, is supplied in 2 components packed in exact mixing proportions.
- The whole of the part B hardener must be added to the whole part A base.
- Mixing period must be minimum 5 min. Mix after woods again for 2 min.

3. IMPLENTATION

- Use the product only in dry conditions.
- Pour IKO 400 AK into the joint.
- The product is self-leveling and does not require any smoothing.
- Surrounding temperature shall vary between 3 °C and 35 °C.

Storage:

6 months, in airtight packaging. In a cool, dry place at temperatures between 10°C and 35°C.

Sizing and palletization:

Kit (A+B) 20 kg.