

Kemflex 140 V

Polyurethane-Tar Joint Sealing Compound, Cold Applied, Fuel Resistant, Permanently Elastic, For Vertical & Horizontal Joints.

Description:

- **KEMFLEX 140V** is solvent free 2 -component joint sealant based on a modified elastic tar pitch polyurethane material.
- Complies with ASTM D 1850, US federal spec SS200 E and B.S 5212.

Fields of Use:

- Suitable for use in hot weather.
- Suitable for joints which are subjected to load - bearing condition involving wear compaction.
- Suitable as water proofing joint sealant and against high pressures.
- Sealing of horizontal and vertical joints in concrete roads, runways, refineries and other industrial floors as well as under and above ground expansion joints.
- Filling of pipe sleeves.

Advantages:

- Is highly resistant to water, sea water, petrol, exhaust gases, mineral and vegetable oils and fats, as well as alkalis, acids and other chemicals.
- Is permanently elastic and suitable for sealing vertical and horizontal joints which are subjected to continuous expansion and contraction, in concrete and steel structures.
- Colour fastness according to ES 819.

Technical Data : (at 25 °C)

Colour	black
Consistency	Non - Sag trowelgrade
Solid content	100 %
Density (A+B)	1.70 ± 0.04 kg/l
Mixing ratio A: B (by weight)	8: 1
Pot life	90 minutes. (decreases at higher temp.)
Initial setting time	24 hours
Full hardness	7 days
Hardness (shore A)	30 - 35
Elongation at break	100 %
Rate of use	0.7kg/m section 2x2 cm

Chemical Resistance :

Sulphuric acid	50%	ex	ex: excellent (no softening + no bubbles no change in colour)
Sodium Hydroxide	50%	ex	
Sodium chloride	50%	ex	g: good (no softening + no bubbles slight change in colour and weight)
Sodium sulphide	50%	ex	
Drainage water		ex	
Organic solvent		g	
Kerosene		g	
Engine fuel		g	

Directions for Use:

- The sides of the joints must be sound, dry and free of oils, grease, dust ...etc.
- Laying **BACKER FOAM** inside the joint to control the depth of the sealant materials, the depth of joint should not be more than its width.
- The edges of the joints can be covered with masking tape or similar material to avoid soiling.
- It is recommended to prime the sides of the joints with **PRIMER KEMFLEX** or **KEMAPOXY103T** the quantity of primer needed is about 2 % of the joint sealing material.
- The two components should be mixed carefully until a homogenous mix is obtained. If the base Compound is not well mixed with the hardener, uniform curing cannot be expected.
- Mixing is done with stirring rod or drill with a stirring paddle fitted.
- **KEMFLEX 140 V** can be applied by gun, during the pot life of the mix.
- Clean tools by **KEMSOLVE 1**.

Safety Precautions:

- Application should be carried out in well ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water. Don't use solvent.
- If the material is splashed into the eyes, these should be immediately washed with water and then report to an eye specialist.
- Do not eat or smoke during application.

Storage:

- 12 months (in closed containers) under suitable storage conditions.

Packages:

- Kits (A+B) 5.625 kg.
- Follow the mixing ratios -by weight- indicated on the package.