Kemflex 140 V


Description:
- **KEMFLEX 140V** is solvent free 2-component joint sealant based on a modified elastic tar pitch polyurethane material.

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:
- 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:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulphuric acid</td>
<td>50%</td>
</tr>
<tr>
<td>Sodium Hydroxide</td>
<td>50%</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>50%</td>
</tr>
<tr>
<td>Sodium sulphide</td>
<td>50%</td>
</tr>
<tr>
<td>Drainage water</td>
<td>ex</td>
</tr>
<tr>
<td>Organic solvent</td>
<td>g</td>
</tr>
<tr>
<td>Kerosene</td>
<td>g</td>
</tr>
<tr>
<td>Engine fuel</td>
<td>g</td>
</tr>
</tbody>
</table>

ex: excellent (no softening + no bubbles, no change in colour)
g: good (no softening + no bubbles, slight change in colour and weight)
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.