

## Kemflex EX

Solvent Free Polyurethane Tar Mortar For Expansion Joints of Bridges.

### Description:

- **KEMFLEX EX** is solvent free 3-component product based on polyurethane tar and selective Bazalt aggregates.
- Complies with ASTM C-920.

### Fields of Use:

- Joints of roads, bridges, tunnels and car parks.

### Advantages:

- Fast curing.
- Meets elastomeric concrete requirements.
- Easy application.

### Technical Data : (at 25 °C)

Colour	black
Consistency	pourable
Solid content	100%
Density (A+B+C)	2±0.02 Kg/l
Mixing ratio A: B: C	8:1:36
Pot life	20 minutes
Initial cure time	24 hours
Full hardness	4 days
Compressive strength (ASTM C513)	•150 kg/cm <sup>2</sup>
Abrasion test, (loss of weight)	0.35 %
Rate of use (theoretical)	20 kg/m <sup>2</sup> /cm 14 liter / group (28.125 kg)

### Directions for Use:

- Concrete substrate must be clean and free of dirt, dust, grease, oil and curing compounds. Concrete age must be at least 28 days.
- Apply primer coat with **primer KEMFLEX** or **KEMPOXY 101 T** or **KEMAPOXY 103 T** after mixing its components A&B. Apply the primer by brush at rate of 300-500 gm/m<sup>2</sup>, according to porosity of concrete.
- Thoroughly mix the two liquid components A,B by power mixer until a homogenous mix is obtained then add component C and mix for 2 minutes approximately.
- Pour the mix during the Pot life time.
- 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 contamination 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 month in closed containers under suitable storage conditions.

### Packages:

- Kits (A+B+C) 28.125 kg
  - 5 kg component A
  - 0.625 Kg component B
  - 22.5 kg component C