



KEM JOINT PG

Joint treatment

DESCRIPTION:

Kem joint PG is two component consists of a **Base** compound and **Accelerator** (Curing agent) when the two components are mixed together, the chemical reaction starts and forms a tough, flexible rubber seal with excellent adhesion to concrete, masonry, wood, glass, aluminum, acrylic and PVC plastics with excellent movement accommodation.

Specification: Complies to BS 5212 – 1990

PRODUCT FEATURES:

- Cures at an ambient temperature to a touch, elastic and flexible rubber like material.
- Bonding forms a permanent tough elastic rubber seal.
- Excellent adhesion to a wide range of building material with the use of the recommended primers.
- Accommodates continuous and pronounced cyclic movement.
- Durable, remains unaffected by UV rays, ozone and weathering conditions.
- Resistant to occasional spillage of dilute acids, alkalis, petrol, aviation fuels, diesel, kerosene, lubricating oils etc.
- Performs well in – 40°C to + 80°C.
- Resistant to biodegradation, prevents growth of fungus and micro organism.
- Movement capability – provides satisfactory hermetic sealing of the joint subjected to expansion, contraction, vibration and cyclic movement within the following limits.
- Excellent reparability property.
- It can be over coated by waterproofing compounds.
- The product will not leave any stain to concrete masonry or stones.



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PRIMARY APPLICATIONS:

- Applied between different construction joints in pavement quality concrete highways.
- Bridges, water retaining structures, water treatment plants.
- Basements, subways, culverts, airfields, vehicular and pedestrian traffic pavements of concrete, areas which are affected by fuel, oil etc.
- Can be applied in extreme temperate regions.
- Applied between different construction joints in concrete highways, bridges, water retaining structures, water treatment plants, basements, subways, culverts, airfields, vehicular and pedestrian traffic pavements of concrete, areas which are affected by fuel, oil etc.

METHOD OF APPLICATION:

- Prepare the joints considering the width and depth ratio. Prime the sides with Kem Primer seal with the brush.
- Pour the curing agent with the base and mix the two components thoroughly with a slow speed electric mixer (250 – 500 RPM) for approximately 5 – 6 minutes.
- Pour the grey homogeneous substance directly and finish with the help of a spatula.

PPRECAUTIONS:

- The width should not exceed more than 50mm.
- The product should not be exposed to high temperatures.
- Traces of bitumen, loose or dust particles should not be there while application.
- Adhesion of the product must only on two opposites faces of the substrate.

TECHNICAL INFORMATIONS:

- Nature : two components (Base and Accelerator)
- Mixing ratio: Base : Accelerator 92:8 parts (weight by weight)
- Consistency after mixing : Flowable paste
- Density of the mix : 1.55 +/- 0.02 kg/L
- Pot life at 30°C. : 2-3 hrs
- Complete curing time, at 5°C : 8 weeks
- At 15° C : 4 weeks
- At 25° C : 2 weeks
- At 30° C : 1 week
- Colour of the base compound : off white
- Accelerator : Dark brown to black
- Mixed compound : Grey
- Movement accommodation : 25% for butt joints and 50%
for lap joint.

PACKING AVAILABLE: 4 kg

COVERAGE: 2 RMT/Kg for 25mm x 12mm joint

TECHNICAL SERVICE:

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.

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