



KEMJOINT GG

Joint treatment

DESCRIPTION:

Kem Joint PG is two component system, 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 4254 - 1983

PRODUCT FEATURES / ADVANTAGES:

- 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 $+80^{\circ}\text{C}$
 - 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.



AREAS OF APPLICATION:

- Sealing of moving construction joints as well as joints running through the ceilings.
- Applied between different construction materials in high rise buildings, concrete highways, bridges, water retaining structures, basements, subways, culverts,
- Airfields, internal and external wall claddings, vertical joints in retaining walls, vehicular and pedestrian traffic pavements of concrete etc.
- Open time after mixing should not exceed more than 10-15 minutes at 30 degrees Celsius.
- The pot life is approximately 30 minutes

METHOD OF APPLICATION:

- Prepare the joints considering the width and depth ratio. Prime the sides with Kem Primer 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.
- Fill the well mixed homogeneous substance in the gun for application.

PRECAUTIONS:

- 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 this product must only on two opposites faces of the substrate



TECHNICAL INFORMATION:

- Nature : Two components (Base and Accelerator)
- Mixing ratio: Base: Accelerator : 92:8 parts by weight
- Consistency after mixing : Thick non - sag paste
- Density of the mix : 1.55 +/- 0.02 kg per liter
- Application time (Pot life) at 30°.celsius : 2-3 hrs
- Initial setting time at 30°.celsius : 24 hrs
- Complete curing time, at 5°.celsius : 8 weeks
- at 15° C : 4 weeks
- at 25° C : 2 weeks
- at 35° C : 1 week
- Color of the base compound : off white
- Accelerator : Brown
- Mixed compound : Grey
- Coverage : 2 RMT/Kg for 25mm x 12mm joint
- Movement accommodation : 25% for butt joints and 50mm for lap joint

PACKING AVAILABLE:

4Kg

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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