

JOINTSEAL-C

Cold Applied Modified Bitumen Compound

DESCRIPTION

BITUMAT JOINTSEAL-C is a high quality, economy grade, cold applied, elastomer modified bitumen compound.

USES

BITUMAT JOINTSEAL-C is ideal for sealing and waterproofing joints or cracks in concrete masonry or asphalt surfaces, both horizontal and vertical. BITUMAT JOINTSEAL-C is not suitable for contact with solvents or jet fuel. BITUMAT JOINTSEAL-C can also be used for roof flashing, counter flashing and roof tile joints.

OUTSTANDING FEATURES

- Good expansion and contraction properties.
- Good mechanical properties, tensile strength, elongation and resilience.
- Pliable and flexible.
- Heat stable, does not melt at high temperatures, up to 60°C.
- Excellent adhesion; strong durable bond.
- Economical
- Single component; does not require mixing, thereby saves time.
- Oxidation resistant and durable.

INSTALLATION

SURFACE PREPARATION

BITUMAT JOINTSEAL-C is applied by trowel, putty knife or standard sealant gun or pressure equipment. The sealant should be applied flush with the surface.

JOINT DIMENSIONS

Ideally the depth of the joint should be half the width. Horizontal joints deeper than 10 mm should be first filled with sand, backer rod, fiber board filler to a depth of 10 mm from the surface. Vertical joints should be filled with backer rod, fiber board filler or other suitable filler to a depth of 10 mm from surface, Do not use polystyrene or polyurethane backer rod. The fiber board or backer rod can be adhered to the joint wall with thin application of BITUMAT JOINTSEAL-C. The backer rod or other filler material is desirable to equalize the compression of the sealant induced by joint movement and to reduce the thickness of sealant. On traffic bearing surfaces, the sealant should be slightly sanded to prevent sticking.

SEALANT THICKNESS

The maximum sealant thickness should be 10 mm. It is highly recommended that the application takes place in two stages of 5 mm each, allowing 4-8 hrs. curing time between each application in order to expedite curing and minimize shrinkage cracking.

CLEANING

Tools : Clean with kerosene
Hands : Use a hand cleaner or kerosene followed by soap and water.

COVERAGE

One kilo of BITUMAT JOINTSEAL-C will approximately fill 1000 c.c. of joints.

Note : BITUMAT JOINTSEAL-C is available in winter and summer grades. Use winter grade for application below 25°C and summer grade for application above 25°C.

PACKING

20-Kg pails or 200-Kg drums

HEALTH & SAFETY

Flammable; Contains petroleum distillate. Keep away from open fire, sparks or other ignition sources. Wear protective clothing, gloves and goggles.

1. Fire - Flammable when wet.
2. Skin - Avoid repeated or prolonged contact. Remove with hand cleaner that removes oil or grease, then clean with soap and water.
3. Eyes - Contact could cause irritation. If contact occurs, flush with clean water.
4. Inhalation - Can cause dizziness. Remove to fresh air. If breathing difficulty persists, administer oxygen.

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TECHNICAL DATA

SLT01	MAY04	R-00	00
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	<i>Property</i>	<i>Typical Value</i>	<i>Test Method</i>
1.	Density, at 25°C., Kg/lit	1-1.2	ASTM D 70
2.	Cone penetration, @ 25°C	225-350 (Depending on Grade)	-
3.	Flow, 60°C., mm	5 (max.)	ASTM D 1851
4.	Bond, @ 0°C.	No separation or cracking	ASTM D 1851
5.	Flexibility, @ 0°C.	No cracking	ASTM D 4586, 8.5
6.	Elongation, @ 25°C., %	250 (Min.)	ASTM D 412
7.	Tensile strength, @ 25°C., psi	200 (Min.)	ASTM D 412
8.	Drying time, to touch, hr.	24	-
9.	Drying time, through, Days	7	-
10.	Accelerated weathering (1000 hr)	No cracking, peeling or blistering	ASTM G 53
11.	Service temperature, °C	-5 to 60	

The information in this Technical Data Sheet is given to the best of our knowledge based on laboratory test and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee but the product itself.

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