



FLEXI-JOINT



Hot Poured Elastic Concrete Joint Sealer

Description:

FLEXI-JOINT is a hot poured sealant composed of special asphalt, plasticizers, rubber and fillers.

Uses:

FLEXI-JOINT is used for sealing joints in building constructions, runways, parking areas, irrigation canals, garages, pavements, bridges and foot-paths.

Advantages:

- ❑ *Excellent Adhesion:* Adhesive to asphalt and concrete surfaces.
- ❑ *Good Elasticity:* Withstands structural movements.
- ❑ *Water Resistance:* Unaffected by long immersion in water.

Application:

- ❑ Prepare the joint slot as per B.S. 2499: part 2
- ❑ Proper joint filler is to be inserted and firmly located so as not to be displaced before or during sealant application.
- ❑ The surface of the joint must be free from loose concrete, dirt or dust.
- ❑ Prime the concrete joint surface with primer after surface preparation, using a stiff brush. Primer should be applied carefully so that no spot will be left uncoated and no excess primer left. Once the primer is dry to touch, usually within half an hour, pour the hot FLEXI-JOINT.
- ❑ FLEXI-JOINT is to be heated indirectly with continuous agitation, to the safe heating temperature of 195°C. The pouring temperature should be between 150° - 160°C.
- ❑ Care should be practiced in the application of sealant to avoid overfilling of joint space. Filling is to be carried in a neat workmanlike manner from 3 to 6 mm below adjacent joint level.

Note: BS. 2499 and ASTM D1190 (Appendix) should be consulted for recommended application and good workmanship.

Technical Specifications

Property	Result	Test Method
Cone Penetration at 25°C 150g , max.	90	ASTM D5
Softening point, °C min.	80	ASTM D36
Specific Gravity	1.20	ASTM D3142
Flash Point, °C min.	66	ASTM D93
Resilience, % min.	60	ASTM D5329
Oven Aged Resilience, % min.	60	ASTM D5329
Flow at 60 °C, mm max.	3	ASTM D5329
Bond, non-immersed at -29 °C	Pass	ASTM D5329
Bond, water immersed at -29 °C	Pass	ASTM D5329
Asphalt Compatibility	Pass ^B	ASTM D5329

Health & Safety:

Fire: Combustible, but rather non-flammable, except when heated over 200 °C.

Containers:

FLEXI-JOINT can be supplied in 5 gallon drum and 20 kg block.

Standard:

FLEXI-JOINT complies with the requirements of ASTM D6690-Type III, B.S 2499-Type N1.

Coverage:

FLEXI-JOINT has a density of about 1.2, thus for 1000 cc of joint volume we need 1200g. For joint width less than 1.5 cm, let depth of sealant equal half the width.



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- This Technical Data are the average results of tests, measurements and trials carried out by LAMA's own laboratory and RSS laboratories according to international standards such as ASTM, B.S and UEAtc.
- This product data sheet supersedes all previous data publications pertaining to this product.
- This data may be changed, improved or modified by LAMA, in accordance with the Client's requirements, availability of raw material, without advance notice.