ROFLEX

QMS Certified Firm

Hot Applied Joint & crack Sealer for Concrete and Asphalt pavements

Description:

ROFLEX is a black resilient and adhesive compound capable of effectively sealing joints in concrete and cracks in asphalt pavements against penetration of moisture and foreign material throughout cycles of expansion and contraction with temperature changes.

Application:

- Prepare the joint slot as per B.S. 2499: part 2: 1992.
- Proper joint filler is to be inserted and firmly located so as mot 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 ROFLEX.
- ROFLEX is to be heated indirectly with continuous agitation, to the safe heating temperature of 195ºC. The pouring temperature should be between 150º - 160ºC.
- 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.

Standard:

ROFLEX complies with the requirements of B.S. 2499 (Type N2), ASTM D6690 Type II, and ASTM D1190.

Technical Specifications

Property	Result	Test Method
Cone Penetration at 25°C, dmm max.	90	ASTM D5329
Softening Point, ºC min.	80	ASTM D36
Density, @ 25 ºC, kg/lit.	1.3	BS 2499 Pt.3
Bond (0°C)	Pass	BS 2499 Pt.3
Resistance to U.V.	No Cracking	
Resistance to water	Excellent	
Resistance to mild acids & alkalies	Good	Immersion
Resilience, % min.	40	BS 2499 Pt.3
Asphalt Compatibility	Pass	ASTM D5329

Uses:

ROFLEX is used for sealing joints in building constructions, runways, parking areas, garages, concrete roads, pavements, bridges, foot paths, sporting arenas, joints of irrigation canals.

Advantages:

- Excellent adhesion to bitumen and concrete surfaces.
- Good elasticity. Withstands expansion, contraction and structural movements.
- High water resistance. Not affected by long immersion in water.
- Weather resistant.

Coverage:

ROFLEX has a density of about 1.3, thus for 1000 cc of joint volume we need 1300g.

Containers:

ROFLEX can be supplied in 20 liter steel drum.

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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.