

ShaliTex[®] Sealing Compound

Bitumen Based Sealing Compound



STP Limited

Description

ShaliTex[®] Sealing Compound is bitumen based sealant for concrete joints resistant to high temperature variations providing waterproof sealing for all type of horizontal joints. It is conforming to IS 1834 – 1984, Grade A specification.

Characteristics

Colour	Black	Theoretical Coverage, 100 meters of running joint of 25 mm depth, kg *	
Aviation Fuel / Kerosene Resistance Test, change in Penetration after 7 days immersion in Aviation fuel / kerosene, at 25 °C, 100 g./ 0.1 mm / 5 sec., max.	Not Applicable		• 12 mm • 18 mm • 25 mm
		Pour Point, °C, Max	180
		Softening point °C, Min	85
Flow test , %, max.	5	Penetration, 25 °C, 0.1 mm, 5 sec.	15 - 50
Change in mass, %, max	Not Applicable	Extensibility, mm, min	6

* Depending upon surface condition.

Application

- Runway Joints
- Joints in garages, filling stations and other places of construction joints like in warehouse floors and secondary containment of walls and floors of artificial water ponds.
- Bridge / road joints.

Advantages

- Ability to withstand expansion without cracking
- Good adhesion to concrete / other surface.
- Low susceptibility to flow during hot weather condition.
- Resistant to sunlight / rain and cyclic temperature changes.
- Anti-corrosive and prevents root growth.
- Resistant to ingress of foreign substance.

Application Methodology

- Remove dust, flakes, oil, grease or other foreign particles by jet or dry air and clean the surface to make it smooth before applying **ShaliTex Sealing Compound**.
- Spray or brush, on the area where **ShaliTex Sealing Compound** is to be applied, ShaliTex Primer evenly throughout the joints and allow it to dry completely. 24 hours is enough to dry the primer during normal weather condition.
- Cover the joint by plastic film if rain is expected after primer application.
- Cut **ShaliTex Sealing Compound** drum and heat it to 180 – 210 °C while slowly stirring the material for uniformity. A 20 kg drum will take 2-3 hr at 190 – 200 °C for complete melting using hand stirrer. Do not overheat as this may cause frothing. If for any reason bubble appears during melting, keep the temperature around 180 °C for a longer time with slow manual stirring till the bubble disappears.
- Upon primer drying completely, pour molten **ShaliTex Sealing Compound** from one side of the joint allowing it to travel through the joint as much as practicable. While pouring, ensure that temperature of material is in the range of 190 - 200 °C.
- During the pouring process, to avoid spillage, place wooden boards on both sides of joint and pour from can with extended spout.

Health & Safety.

- **ShaliTex Sealing Compound** is inflammable.
- Use goggles, gumboots, nose covers and hand gloves during application
- Clean hands with warm soap water after application

Packing

Available in 20 kg and 200 kg drum.

Storage

Keep in cool and dry place, under shed, away from heat.



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