

# ShaliJet® Sealing Compound

Coal Tar Sealing Compound



STP Limited

## Description

**ShaliJet® Sealing Compound** is thermoplastic material. It flows in hot condition and settles to a plasto-elastic mass when cold. Being fuel / heat resistant, **ShaliJet® Sealing Compound** is used as sealant in construction of runways. It conforms to IS:1834 Grade B.

## Characteristics

Colour	Black	Coverage, 100 meters of running joint of 25 mm depth, Kgs *	
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.	15	• 12 mm	44
		• 18 mm	66
		• 25 mm	92
		Pour Point, °C, Max	180
Flow test @ 45°C %, max	5	Penetration, 25°C, 0.1 mm, 5 sec.	15 - 50
Change in mass, %, max	1	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

- Fuel spillage resistant.
- Jet exhaust heat resistant.
- Good adhesion to concrete / other surfaces.
- 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

### ➤ Surface Preparation

- Remove all loose gravel, dirt, oil, grease and foreign matter by jet of dry air and clean the surface mechanically or by grinding to make it smooth before application.

### ➤ Material Preparation

- Cut **ShaliJet® Sealing Compound** drum and heat it to 180 - 210°C while slowly stirring the material for uniformity. A 26 kg drum will take 2 - 3 hrs. 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.

### ➤ Application of Material

- Apply a coat of ShaliPrime SSC @ 0.30 L / m<sup>2</sup>.
- Allow it to dry for 24 hrs.
- Pour molten **ShaliJet® Sealing Compound** from one side of the joint allowing it to travel through the joint as much as practicable.
- Ensure that temperature of material is in the range of 175 - 180°C during Application.
- During the pouring process, to avoid spillage, place wooden boards on both sides of joint and pour from container with extended spout.

## Health & Safety

- Avoid contact with skin / eyes, and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

## Packing

Available in 26 kg and 260 kg drum.

## Storage

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



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### Product Range

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- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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