

ShaliSeal CL BT

Bituminous Canal Lining Sealant



STP Limited

Description

ShaliSeal CL BT is a bituminous hot applied sealant for concrete joints and canal lining. **ShaliSeal CL BT** is resistant to temperature variations providing waterproof sealing for all type of joints. It conforms to IS 13143 : 1991.

Characteristics

Softening Point, °C	85 minimum	Extensibility @ °C	6 mm minimum
Pour Point	170 maximum		
Penetration @ 25 °C, 100g, 5 Sec	15 – 30 dmm	Increase in softening point after heating, °C	5 maximum
Flash Point, °C	200 minimum	Water content % / Wt.	0.5 maximum

Application

- Cast cement concrete lining Joints.
- Precast cement concrete lining Joints.
- Canal lining concrete 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.
- 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 smooth before applying **ShaliSeal CL BT**.
- Apply ShaliTex Primer on the cleaned surface and allow it to dry at least 24 hr. Cover the joint by plastic film if rain is expected after primer application.
- Cut **ShaliSeal CL BT** drum and heat it to 180 – 200 °C while slowly stirring the material for uniformity. A 20 kg drum of **ShaliSeal CL BT** 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.
- Apply molten **ShaliSeal CL BT** by brush or spray, 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.

Coverage

4 kg/rmt of 12 mm wide & 75 mm depth.

Health & Safety.

- **ShaliSeal CL BT** 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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