

ShaliMastic®-HD / LC



Single Component Hi / Low-Build Anti-corrosive Coal Tar based Coating

STP Limited

Description

ShaliMastic®-HD / LC is an anti-corrosive, heavy duty thermoplastic high build / low build coating based on specially processed coal tar pitch. **ShaliMastic®-HD** conforms generally to the American Bureau of Reclamations specification "Cold Applied Coal tar Compound CA50" whereas **ShaliMastic®-LC** conforms to IS: 290.

Characteristics

	ShaliMastic HD	ShaliMastic LC
Colour	Black	Black
Consistency	Uniform, thixotropic mass, applicable by brush	Uniform, thixotropic liquid applicable by brush
Drying Time, hrs		
• Touch Dry	6	3
• Thorough Dry	24	12
Flash Point	65 °C	65 °C
Theoretical Coverage, m ² /L		
• On metal surface	3	10
• On concrete surface	2	8
Dry film thickness per coat	200 - 250 microns	40 – 60 micron
Specific Gravity	1.30	1.14

Application

- Cold applied liquid product.
- Protection for buried / submerged surface or equipment.
- Coating interior / exterior surfaces of metal or concrete tanks, culverts, steel pilings, filter screens, sluice gates, tank bases, trestles etc.
- Coating of interior / exterior of barges and under-water structures.

Advantages

- Unaffected by marine organisms, soil chemicals and soil bacteria.
- Highly resistant to corrosion due to sea water / alkalis / acid.
- Retains its pliability over a wide range of temperatures.
- Provides an abrasion resistant tough coat which is 5-8 times thicker than a coat of ordinary conventional anti-corrosive coatings.
- Provides a void-less, joint-less continuous film capable of taking expansions and contractions without cracking.
- Acts as an excellent water resistant coating even under severe corrosive conditions.

Application Methodology

- The base metal is thoroughly cleaned either by sand blasting, wire brushing or by any other means.
- Before application, ensure that surface is totally dry and free from moisture, oil, grease, mill scale, rust or any other foreign particles.
- A coat of Jet Set Primer Type A is recommended before application for better performance. The primer must be hard dry before application of **ShaliMastic® HD / LC**.
- **ShaliMastic® HD / LC**, being a thixotropic material, has to be stirred properly first. It is then applied using a brush. Two coats are recommended for concrete and three coats for metallic surfaces.

- **ShaliMastic®-HD** should not be applied over shop-coating (particularly red oxide coating).

Health & Safety

- **ShaliMastic® HD / LC** is inflammable.
- Use goggles and hand gloves during application.
- Clean hands with Isopropyl alcohol followed by warm soap water after application

Packing

Available in 26 kg and 260 kg container.

Storage

Keep in cool and dry place, under shed, away from heat. Keep lid of container closed tightly when not in use.



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