

# ShaliDCT® 102

Processed Dehydrated Coal Tar



STP Limited

## Description

**ShaliDCT® 102** (formerly known as ShaliKote CT 102) is an excellent anti-corrosive solvent free type protective material, recommended where a better surface finish is desired. It has excellent adhesion, waterproofing and resistance against sea-water, oil and various chemicals. It is better than petroleum asphalt tar.

## Characteristics

Colour	Black	Density, 20 °C, g/cc	1.175 - 1.195
Viscosity @ 20 °C, poise	25 - 45	Toluene Insolubility, %, max.	10 - 14
STV, 4mm, @ 30 °C, sec.	70 - 74	Moisture, v/wt, %, max.	0.1
Ash, w/w, %	0.05 - 0.25	Distillation, °C, w/w, %	0 - 1
Phenol Content, w/w, %	0.1 - 1.0		
Volatile content (2gm/100 °C, 2hrs), %	5 - 7	• 0 – 170	16.5 - 21.5
		• 170 – 270	10.5 - 13.5
Pyridine bases % as nitrogen	0.3 - 0.7	• 270 – 300	
		Flash Point Pensky Martens, °C	100 - 110

## Application

- Paint Industries, especially for ship or steel structure protection.
- Anti-corrosive coatings.
- Refractory Industries.
- Graphite Industries.
- Aluminum Industries.
- Wood preservatives.

## Advantages

- Easy to apply.
- Excellent protection.
- Smooth finish for better appearance.

## Application Methodology

### ➤ Surface Preparation

- Remove dust, flakes, oil, grease or other loose foreign particles by sand blasting, iron brush or compressed air.
- Ensure that the surface is dry and free from moisture.
- In case of new concrete, ensure the concrete is at least 28 days old.

### ➤ Material Preparation

- Stir **ShaliDCT® 102** thoroughly with a slow speed mixture (approx 400 rpm) fitted with a suitable mixing paddle to achieve homogenous and uniform mix.
- Ensure that there is no entrapped air.

### ➤ Application of Material

- Apply **ShaliDCT® 102** by brush / spray gun on prepared surface. Two coats of **ShaliDCT® 102** are recommended for concrete and three coats for metallic surface.

## Cleaning & Maintenance

- Clean all tools immediately after use with STP Thinner. Do not allow the material to harden.

## Health & Safety

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

## Packing

Available in tanker and 200 Kg drum.

## Storage

Keep in cool and dry place, in air tight container, under the shed, away from heat.



**STP Limited**  
*Enhancing Structures' Life*

### Product Range

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



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