ShaliDCT® 102A

Processed Dehydrated Coal Tar

STP Limited

Description

ShaliDCT® 102A (formerly known as ShaliKote CT 201A) 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, 20ºC, g/cc	1.165 - 1.185
Viscosity @ 20ºC, poise	20 - 30	Toluene Insolubility, %, max.	8 - 12
STV, 4mm, @ 30ºC, sec.	43 - 48	Moisture, v/wt, %, max.	0 - 0.1
Ash, w/w, %	0.03 - 0.1	Distillation, ºC, w/w, %	
Phenol Content, w/w, %	0.1 - 0.3	• 0 - 170 • 170 - 270 • 270 - 300	0 - 1 6 - 10 10 - 12
Volatile content (2 gm 100ºC, 2 hrs.),%	3 - 6		
Pyridine bases % as nitrogen	0.1 - 0.8	Flash Point Pensky Martens, ºC	110 - 130

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® 102A** 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® 102A** by brush / spray gun on prepared surface. Two coats of **ShaliDCT® 102A** 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 L drum.

Storage

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

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