



# CLOUDATES<sup>®</sup> TRO

Oil & Heat Resistance Coating

## Description

**CLOUDATES TRO** is a Fast drying, Single component modified alkyd based anti corrosive "TRANSFORMER HEAT & OIL RESISTANCE" coating pigmented with Zinchromate as corrosion inhibiting pigment. The White version contains Zinc Phosphate as Anti corrosion inhibitor. It protects internal surface of transformer tank from oil heat for maximum 130°C temperature.

## Uses

- Use as tank lining on surface of electrical transformer tanks
- Use on metal sheet in various fabrication Industries, Heavy machineries and can be applied on diverse areas of tank interiors/ exteriors, equipments, pipelines, structural steel etc.

## Product Features

- Anti corrosive products based on modified alkyd are most suitable for the protection of light industrial steelwork in internal dry environments or on exposed steelwork which is situated in low corrosivity environments corresponding to ISO12944 C1, C2 only. Anti-corrosive performance on hand prepared steel is related directly to both the degree of surface preparation and the dry film thickness of the system applied.
- This product must only be thinned using the recommended thinner. The use of alternative thinners, might contains alcohols, can severely affect the curing mechanism of the coating. CLOUDATES TRO should be applied at least 3°C temperatures above dew point and below 85% of relative humidity.
- Overcoating of CLOUDATES TRO is usually not needed, when applying as internal tank lining of transformer tanks. However applicator should adhere to the DFT specifications and sufficient time of curing before overcoating. Excess DFT of CLOUDATES TRO is not recommended in lining.

## Technical Information

PROPERTIES	RESULTS
Color	White, Yellow
Finish	Matt
Solid by Volume	50 ± 2%
Recommended DFT / Coat	30 - 50 microns
Theoretical Coverage Capacity	15 sq.mtr/ ltr @ 30 microns DFT
Drying time at 30°C	Surface Dry : 25 - 30 minutes Hard Dry : 22 - 24 hours
Over coating interval at 30°C	Min. : 6 hours

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances  
The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, temperature etc.  
The information provided above is at 30°C and 65% relative humidity

## Direction For Use

### SURFACE PREPARATION:

- All surfaces to be coated should be clean, absolutely dry and oil or moisture free before painting application. Oil and grease should be removed by solvent cleaning. This product is suitable for use over phosphate washed steel.

### STEEL:

- Abrasive blast clean to a minimum of Sa2½ (ISO 8501-1:2007). Surface defects revealed by the blast cleaning process should be ground, filled, or treated in the appropriate manner. A surface profile of 30-40 microns is recommended.

### PRIMED SURFACE:

- Already primed surface should be dry and free from all contamination and CLOUDATES TRO should be applied within the overcoating intervals specified in earlier primer/ etch primer TDS. Area of damaged primer or rework etc should be prepared as per specified standards, either by power tool cleaning or other means.

### Application Data :

Application Method	Spray/ Airless Spray/Brush/ Roller
Mixing Ratio	One Component Coating
Thinner and Cleaner	Cloudates Thinner
Airless Nozzle	0.33 - 0.45mm
Orifice Nozzle Pressure	155 kg/cm <sup>2</sup> or 2200 psi

### Working Precautions:

Material should not be allowed to remain in pipeline, hoses, gun or spray equipment. Thoroughly flush all equipment with epoxy thinner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages, the work should recommences with freshly mixed units.

### Maintenance:

Clean all equipment immediately after use with epoxy thinner. It is good working practice to periodically flush out spray equipment during the course of the working day. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

### Coverage

- CLOUDATES TRO will give coverage of 15.00 sq.mt / lit at recommended DFT of 30μ

### Supply

- It is supplied in 5 & 20 lit pack.

### Self-Life

- 2 year from the date of manufacturing if stored in cool dry place under shaded area and if unopened sealed pack condition surface after completion of the preparation work.

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