



# TEPALS<sup>®</sup> FD

Rapid Drying Automotive Finish

## Description

This is a one component oxidatively drying modified alkyd topcoat. It has a glossy finish with good gloss retention. To be used for areas of limited chemical exposure where a single pack finish coat is required.

## Benefits

- Good durability
- Fungus resistance
- Excellent gloss
- Good color and gloss retention

## Application Area

- Use to all Vehicles, Refrigerators and Industrial machinery and Agriculture implements.
- General fabrication industries for protecting Concrete and Steel in internal areas or low corrosivity external environments.

## Technical Information

PROPERTIES	RESULTS
Color	Any IS/ RAL/ Custom Shades
Finish	Glossy (80-95 GU at 60° angle)
Volume Solids (ASTM D 2697)	50 ± 3%
Recommended DFT	30 -60μ in single coat
Wet Film Thickness	60-120μ in single coat
Specific Gravity	1.10 ± 0.05
Surface Dry	20 min

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.

- **Primed Surface: :**

The primed surface should be dry and free from all contamination and TEPALS FD should be applied within the overcoating intervals specified in primer TDS. Area of damaged primer or rework etc should be prepared as per specified standards, either by power tool cleaning or other means.

- **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.

- **Application Data :**

Application Method	Spray/ Airless Spray/Brush/ Roller
Mixing Ratio	One Component Coating
Pot Life	NA
Thinner and Cleaner	Tepals Thinner
Airless Nozzle	0.33 - 0.45mm
Nozzle Pressure	141 kg/cm <sup>2</sup> or 2000 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

- TEPALS FD will give coverage of 12.50 sq.mt / lit at recommended DFT of 40μ

## Supply

- It is supplied in 4 lit & 20 lit metal tin .

## Self-Life

- 1 year from the date of manufacturing. This is solvent based coating and the containers should be kept in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed.

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