

TEPALS MD

Modified Alkyd based
Quick Drying Finish



Descriptions:

This is a one component fast air drying modified alkyd based finish. It has a glossy finish with good gloss retention. To be used in low to mild industrial environment, where an single pack economic finish coat is required.

Uses:

- Ideal for plant and machinery
- Agricultural implements and Gas cylinders

Advantages/Characteristics

- Quick dry, high gloss, excellent flow.
- Good adhesion.
- Better durability.
- Better aesthetics and decorative looks.

Company Standard Compliance:



Technical Information:

Properties	Specification
Color	Any IS/ RAL/ Custom Shades
Finish	Glossy (75-90 GU at 60° angle)
Volume Solids (ASTM D 2697)	42 ± 3%

Recommended DFT	30 -50μ in single coat
Wet Film Thickness	70-120μ in single coat
Specific Gravity	1.05 ± 0.05
Surface Dry	30 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 MD 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/cm² 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.

Coverage:

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

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 MD will give coverage of 12.50 sq.mt / lit at recommended DFT of 40µ.

Packaging:

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




Storage & Shelf-life:

2 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.

Health & safety:

This is solvent based product and should be use under well ventilated conditions. Do not inhale spray mist. Skin contact should be avoided. In case of spillage on the skin, it should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water.

 <p>Indian Green Building Council</p>	<p>It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.</p>
	<p>ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.</p>
	<p>ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.</p>
	<p>ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance</p>

	<p>This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.</p>
	<p>Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.</p>
	<p>ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.</p>

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REDWOP CHEMICALS PVT. LTD.

Head Office Regd. Office: 2nd Floor, Pearlplaza Complex, Nr. GT Sheth School, 150 ft. Ring Road, Rajkot Gujarat 360005 India

✉ info.redwop@gmail.com 🌐 http://redwop.net 📞 9724655551 📠 0281 2576664