

TECHNICAL DATA SHEET

PROMINENT QD MACHINERY ENAMEL PRIMER

Date: January 2025



THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

Corrosion resistant metal primer based on a short oil alkyd.

INTENDED USES:

New, un-rusted metal as a primer.

FEATURES:

1. Quick drying.
2. Can be overcoated after 2 hours.
3. Corrosion resistant for new un-rusted steel.

PRODUCT INFORMATION:

Appearance:	Matt finish.
Colours:	Red Oxide & Grey.
Solids:	60% by mass; 39.4% by volume.
Density:	1,28Kg/litre.
Recommended Wet Film Thickness:	63µm
Recommended Dry Film Thickness:	25µm.
Spreading rate:	8 - 12m ² /litre.
Viscosity at 23°C:	60-70KU.
Flash point:	23°C.
Respecting the environment:	Dispose of excess product and containers in a responsible manner without harming the environment.

This product is manufactured under strict SABS ISO 9001:2015 quality standards.

STORAGE:

Keep containers properly sealed.
Store away from direct heat, sun and severe cold in a place with adequate ventilation.

PACKAGING:

Red Oxide - 1Lt, 5Lt, 20Lt
Grey – 1Lt, 5Lt

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APPLICATION DETAILS:

Mixing:	Stir well before use with a flat paddle to an even consistency. Stir occasionally during use.		
Method:	Spray Application.		
Thinning:	Prominent Lacquer Thinners Ratio 10-15%.		
Cleaning:	Remove as much of the product as possible from the application equipment before cleaning with Lacquer Thinners.		
Application Conditions:	<u>Surface Temperature</u>	<u>Ambient Temperature</u>	<u>Relative Humidity</u>
	Min: 5°C	Min: 5°C	Min: 10%
	or 3°C above dew point, if possible, away from direct sunlight		
	Max: 40°C	Max: 40°C	Max: 85%
Drying time:	<u>Surface dry:</u>	<u>Hard dry:</u>	
	15 minutes at 23°C	4h at 23°C	
	Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase) whilst lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).		
Recoating time:	2 hours to 14 days.		
Requirements:	One coat.		

SURFACE PREPARATION

Surfaces must be sound, grease free, clean, and dry (moisture content below 15%) before painting.

New work:

Steel: Manual cleaning combined with General Purpose Cleaner diluted 1:10 with water using a scouring pad. In maintenance situations and surface is rusted then also use Prominent Multi Surface Etch Cleaner to remove surface rust. Allow the steel to dry before priming. Prepare steel by wire brushing to grade Sa 2½ of ISO 8501-1:1998

Redecorating:

Not for redecorating.

LIMITATIONS:

1. Poor anti-corrosive properties on rusted steel.
2. Cannot be overcoated with Prominent Paints 2 Pack Floor Epoxy and 2 Pack Polyurethane Floor Coating.
3. Thicker coatings take longer to dry thoroughly.
4. Wrinkling can occur if recoating times are not adhered to.

SAFETY PRECAUTIONS:

1. Keep out of reach of children.
2. Ensure to maintain good ventilation during the application and drying process.
3. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes. In case of contact with eyes rinse immediately with running water and seek medical advice
4. If product is ingested, drink plenty of water or milk. Do not induce vomiting at any time. Seek medical advice.
5. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria. MSDS is available on www.prominentpaints.co.za or from the Prominent Paints Customer Service Department.
6. To avoid any risk of spillage, always transport in a secure upright position.

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DISCLAIMER:

The information contained herein is given in good faith and is meant merely as a guide for the specifier or user. It is gained from results obtained from our experience and tests conducted under controlled conditions. No warranty/guarantee is implied since the conditions of use, application method, substrate and cleanliness of the substrate are beyond Prominent control. For a surface specific specification contact the Prominent Paints Customer Care Department for assistance. This issue supersedes all previous publications.

Important Note: Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used for reference. Prominent Paints Technical Data Sheets are available on www.prominentpaints.co.za or from the Prominent Paints Customer Care Department.

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