

GENERAL PURPOSE PRIMER RED OXIDE

DI010

PRODUCT CODE: GENERAL PURPOSE PRIMER RED OXIDE: GPR (01) (05) (20) (200)

PRODUCT DESCRIPTION: General Purpose Primer is a fast drying, single pack primer for application to pre-cleaned steel. (Alternative water-based range of products available from Dura Paints. See www.durapaints.co.za - H₂ydRO Range)

INTENDED USES: *GP Primer Red Oxide* is used as an economical primer for suitably prepared steel. Used as a steel primer for air drying or forced drying primer applications.

FEATURES: Economical, quick-drying, semi-gloss, with high viscosity and excellent flow.

PRODUCT INFORMATION:

• APPEARANCE	Semi-gloss finish.
• COLOUR	Red Oxide.
• VOLUME SOLIDS	28%
• S G @ 25°C	1.08 – 1.13
• RECOMMENDED DFT	Min: 35 µm (per coat)
• VISCOSITY @ 25°C	68 to 72 KU @ 25°C
• THEORETICAL SPREADING RATE	8 M ² / l @ 35 µm DFT
• FLASH POINT	<23°C
• MASS SOLIDS	± 45% MIN

APPLICATION DETAILS:

- MIXING Stir thoroughly with a flat paddle until homogeneous. Do not shake as this may cause air bubbles.
- SUBSTRATE Pre-cleaned, suitably prepared steel.
- METHOD Spray.
- CLEANING Dura QD thinners.
- THINNING RATIO Up to 10% Dura QD thinners, depending on application equipment.

APPLICATION ENVIRONMENT

Surface Temp	Ambient Temp	Relative Humidity
Min 10°C or 2°C above dew point	Min 10°C or 2°C above dew point	Min: 0
Max.: 40°C	Max.: 40°C	Max.: 85%

- Do not apply when ambient temperature is below 10 °C or during inclement weather.
- DRYING TIME

Surface dry:	15 minutes @ 25°C
Hard dry:	2 Hours @ 25°C
Recoating:	4 Hours @ 25°C

STORAGE AND PACKAGING:

- Store in approved Fire Store.
- Store away from direct sun, heat and severe cold.
- Keep containers tightly closed.
- 6 months if stored correctly in original unopened tins.
- Single pack. 1lt, 5lt, 20lt & 200lt.
- Empty containers should be left in a well ventilated area to dry out.
- Do not pour paint down the drain.
- Brush out any unwanted paint on newspaper, allow to dry and dispose of via waste collection.
- Dry containers can be disposed of via waste collection or recycled via recycling programs.

TECHNICAL DATA SHEET

GENERAL PURPOSE PRIMER RED OXIDE (contd.)

TRANSPORTATION:

This product is classifiable in accordance with transportation and classification of dangerous goods act (1996). Flammable.

SHIPPING NAME: Paint related material
PACKAGING GROUP: III
HAZARD CLASS: 3
S.I.N/UN NUMBER: 1263

SURFACE PREPARATION:

- Surface must be clean, dry and free from any grease/oil or dust.
- Thinning Ratio: Up to 10% Dura QD Thinners, depending on application equipment.

Mild Steel:

- Degrease with **ProLong Grease Devil or Hydro Clean** and rinse thoroughly with fresh water. Sand off rust with coarse emery paper or mechanical grinding.
- Prime with one or two coats of **GP Primer Red Oxide** to achieve the required DFT.

Galvanized steel:

- Clean with **ProLong Grease Devil or Hydro Clean** to obtain a water break-free surface and rinse with clean water.
- Prime with one or two coats of **GP Primer Red Oxide** to achieve the required DFT.

Previously painted surfaces in good condition:

- Remove loose and flaking paint down to a sound substrate and a firm edge by scraping and lightly sanding existing paint to ensure good adhesion.
- Spot prime bare areas with **GP Primer Red Oxide**.

Previously painted surfaces in poor condition (e.g. extensive peeling):

- Completely remove paint by most appropriate means e.g. scraping, coarse sanding, or preferably sandblasting.
- Prime with one or two coats of **GP Primer Red Oxide** to achieve the required DFT.

APPLICATION:

- Stir thoroughly with a flat paddle until homogeneous.
- Conventional or Airless spray method is recommended.
- Thinning ratio – up to 10% Dura QD thinners, depending on application equipment.
- Dura QD or Lacquer thinners must be used for cleaning equipment.
- Substrate: suitably prepared steel.
- Apply one coat to two coats of **GP Primer Red Oxide** to achieve the required DFT.

CAUTIONS:

- Avoid painting during inclement weather or if temperature is below 10°C.
- Drying times increase as ambient temperature falls below 25 °C.
- Brush application not recommended.
- Not recommended for acid or alkaline conditions.
- Do not add water to this product.
- Do not apply during inclement weather or if temperature is below 10°C. Application under these conditions may result in poor adhesion, blistering, loss of gloss, streaking, white spots and prolonged drying times.

SAFETY PRECAUTIONS:

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, wash with soap and water or a recognized skin cleaner.
- Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
- If ingested give plenty of water / milk to drink. Do not induce vomiting. Seek medical attention.
- Refer to Material Safety Data Sheet for complete information available at www.durapaints.co.za.

TECHNICAL DATA SHEET

GENERAL PURPOSE PRIMER RED OXIDE (contd.)

DISCLAIMER:

- *The recommendations contained herein are given in good faith and are meant to guide the specifier or the user.*
- *They are based on results gained from our experiences and tests and are believed to be reliable.*
- *No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.*
- *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. See www.durapaints.co.za.*