

DURALINE GENERAL PURPOSE PRIMER

DI010

PRODUCT CODE: GENERAL PURPOSE PRIMER RED OXIDE :GPR01 (01) (05) (20) (200)

PRODUCT DESCRIPTION: General Purpose Primer is a fast drying single pack product for application over pre-cleaned steel. As an air drying or force drying primer for economical purposes (Alternative water-based range of products available from Dura Paints. See www.durapaints.co.za - H₂O Range)

INTENDED USES:

FEATURES:

- Quick-dry, high-gloss and viscosity, excellent flow.

PRODUCT INFORMATION:

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|------------------------------|-----------------------------------|
| • APPEARANCE | High Gloss finish. |
| • COLOUR | Red Oxide. |
| • VOLUME SOLIDS | 20% (varies with colour) |
| • S G @ 25°C | 0.87 – 0.92 (Varies with colour) |
| • RECOMMENDED DFT | Min: 20 µm (per coat) |
| • VISCOSITY @ 25°C | 55 to 60 KU 55 – 60" F4@ 25°C |
| • THEORETICAL SPREADING RATE | 10 M ² / l @ 20 µm DFT |
| • FLASH POINT | <23°C |
| • TEMPERATURE | Max. Temp. 50°C |
| • MASS SOLIDS | ± 40% MIN |

APPLICATION DETAILS:

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|------------------|---|
| • MIXING | Stir thoroughly with a flat paddle until homogeneous. Do not shake as this may cause air bubbles. |
| • SUBSTRATE | Pre-cleaned steel. |
| • METHOD | Spray / Dip |
| • CLEANING | Dura QD thinners, |
| • THINNING RATIO | Up to 25% 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
- 6 months if stored correctly in original unopened tins.
- Single pack. 1lt, 5lt, 20lt & 200lt

TECHNICAL DATA SHEET

DURALINE GENERAL PURPOSE PRIMER (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./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.
- Prime with **DURA PAINTS ZINC PHOSPHATE PRIMER** or **DURA PAINTS ETCH PRIMER**.

Mild Steel:

- Degrease with **ProLong Grease Devil** and rinse thoroughly with fresh water. Sand off rust with coarse emery paper or mechanical grinding.
- Prime with **Dura Paints Zinc Phosphate Primer (ZPP)**, **Dura Paints General Purpose (GP) Primer** or **Dura Paints Etch Primer**.

Galvanized steel:

- Clean with **ProLong ProDegrease** or **Mascon** to obtain a water break-free surface and rinse with clean water.
- Prime with **Dura Paints Etch Primer**.

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 **Dura Paints Zinc Phosphate Primer (ZPP)**, **Dura Paints General Purpose (GP) Primer** or **Dura Paints Etch Primer**.

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.

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.
- Well cleaned and primed steel substrate is required.
- Apply one coat or two coats.
- 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.

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

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. Do not induce vomiting. Seek medical attention.
- Refer to Material Safety Data Sheet for complete information. See www.durapaints.co.za.

DURALINE GENERAL PURPOSE PRIMER (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.*