TECHNICAL DATA SHEET

OXIDE PRIMER

DESCRIPTION

City Paints Industry Enamel Primer is a corrosion-resistant alkyd primer designed for new, un-rusted metal surfaces. It penetrates well, dries quickly, and provides a durable basecoat for subsequent finishing systems.

FEATURES & BENEFITS

- Quick drying
- Overcoatable after 30 minutes
- Corrosion-resistant
- Strong adhesion on clean metal
- 100% lead-free
- Manufactured under ISO 9001 quality standards

PRODUCT INFORMATION

Property	Value
Appearance	Matt finish
Colours	Red, Gray, White, Black
Solids	55% by mass; 45% by volume
Density	1.20 kg/L
Recommended DFT	25 µm
Spreading Rate	8–12 m²/L
Viscosity (23°C)	65 Kµ
Flash Point	23°C
Packaging	1L, 4L, 20 KG
Storage	Store sealed, away from heat, sun, and severe cold

APPLICATION DETAILS

- **Mixing:** Stir thoroughly before and during use
- **Application Method:** Brush or spray
- **Thinning:** General Purpose Thinners
- **Cleaning:** General Purpose Thinners
- **Application Conditions:**
  - Temperature: 5°C–40°C
  - Relative Humidity: <85% (preferably 10:00–16:00)

Drying Time @ 23°C

- Surface Dry: 15 minutes
- Hard Dry: 2–3 hours
- Recoat Time: 2 hours to 14 days
- Number of Coats: 1

SURFACE PREPARATION

- Ensure surface is sound, clean, dry, and grease-free (moisture <15%)

- **New Metal:**
  - De-rust and degrease using Paint Remover/water (1:5)
  - Rinse with clean water and allow it to dry
  - Apply one coat of primer

- **Redecorating:** Not suitable for previously painted or rusted steel

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25-March-2025
TDS0081

LIMITATIONS

- Not recommended for rusted steel
- Thick application increases drying time
- Wrinkling may occur if recoat times are not followed

SAFETY PRECAUTIONS

- Keep out of reach of children
- Ensure good ventilation during application and drying
- Avoid eye contact; rinse immediately if exposed
- Wash skin with soap and water
- If ingested, drink water or milk; do not induce vomiting
- Transport upright to avoid spillage
- Refer to MSDS for full safety information

DISCLAIMER

Information is based on laboratory testing and practical experience. As application conditions vary, City Paints guarantees only the quality of the product itself. Specifications may change without notice. Always ensure you are using the latest version of the TDS.

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. City Paints Technical Data Sheets are available on www.city-paints.com or from City Paints Customer Service Department.

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