

# TECHNICAL DATA SHEET



## RED OXIDE PRIMER

A solvent based economical primer formulated for the use on internal & external ferrous metals and steelwork. It has excellent adhesion and protects against corrosion.

AVAILABILITY	
Colour Range	Red Oxide
Packaging	5L
PROPERTIES	
Suitable Surfaces	Ferrous metals
Drying Time @20°C/65%RH	Under normal drying conditions touch dry in 4 hours and recoat after 16 hours. At low temperatures or high humidity drying times may be extended
Finish	Matt
Composition	Pigment: Iron oxides & extenders.
	Binder: Alkyd resin.
	Solvent: Dearomatised White Spirit.
Spreading Rate	Up to 15m <sup>2</sup> per litre on smooth surfaces
Wet Film Thickness	67 micrometres at 15m <sup>2</sup> per litre
Dry Film Thickness	37 micrometres at 15m <sup>2</sup> per litre.
Volume Solids	55% White. Other colours will vary.
Flash Point	40°C (closed cup).
VOC Content	EU limit value for this product (cat.A/i): 500 g/l (2010). This product contains max. 499 g/l VOC.
Limitations	Do not apply when air or substrate temperatures are likely to fall below 8°C or when the relative humidity is above 80% during application or the drying period.
PREPARATION	
New metal Surfaces	All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Lightly abrade to a bright (not polished) surface. Remove all millscale and rust back to clean bright metal. Remove all residues. Prime within the working day with one coat of <b>Crown Trade Red Oxide Primer</b> .
Previously Decorated Surfaces	All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Remove all corrosion or rust back to clean bright metal. Organic growth must be treated with <b>Sandtex Trade Fungicidal Solution</b> and removed. Spot prime areas with <b>Crown Trade Red Oxide Primer</b> . Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Any glossy or eggshell surfaces must be wet abraded to provide a key. Rinse with clean water to remove all residues. Allow to dry.



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<b>COATING SYSTEM</b>	Apply one coat.
<b>APPLICATION</b>	<p>Stir well before and during use. Apply using good quality tools – synthetic or bristle brush or short/medium pile roller.</p> <p>Note: Can be used as holding primer prior to finishing, though prepare as previously decorated if left for any length of time.</p> <p>For optimum total dry film thickness an additional coat of primer is recommended over profiled surfaces (e.g. blast cleaned or corroded). On arris edge detailing (sharp edges and bolt fixings etc) an additional (stripe) coat of <b>Crown Trade Red Oxide Primer</b>.</p>
<b>CLEANING</b>	Return surplus material to container. Clean tools & equipment with a proprietary cleaner immediately after use.
<b>STORAGE</b>	Store upright and secure. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not store below 5°C or above 40°C.
<b>MAINTENANCE INFORMATION</b>	Between maintenance, surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt.
<b>HEALTH AND SAFETY</b>	Please refer to the Safety, Health and Environmental Information on the container. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. For further information contact the Crown Trade Customer Relations Team. When preparing all surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask. Material Safety Data Sheets for this and all other Crown Paints products are freely available from the place of purchase or the address below. Do not empty into drains, watercourses or access routes to septic tanks.
<b>GENERAL INFORMATION</b>	<p>Apply all products in accordance with BS 6150: Code of practice for painting of buildings and BS 8000: Part 12: Code of practice for decorative wallcoverings and painting.</p> <p>Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Crown Paints is unable to guarantee results as it has no control over the conditions under which its products are applied.</p> <p>Before using this product please ensure you have the latest information. For help or more information contact the Crown Trade Customer Relations Team on:</p> <p>Tel: 0330 0240297 Fax: 0330 0240278 e-mail: <a href="mailto:info@crowntrade.co.uk">info@crowntrade.co.uk</a> website: <a href="http://www.crowntrade.co.uk">www.crowntrade.co.uk</a></p> <p>This information is correct at date of issue November 2021</p>



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