

TECHNICAL DATA SHEET



UNIVERSAL METAL PRIMER

A solvent based primer formulated specially for use on most internal & external ferrous and non-ferrous metals, alloys and suitably prepared galvanised steelwork. It has excellent adhesion and rust inhibiting properties.

AVAILABILITY	
Colour Range	Grey
Packaging	1L and 5L
PROPERTIES	
Suitable Surfaces	Ferrous & non-ferrous metals
Drying Time @20°C/65%RH	Under normal drying conditions touch dry in 2 hours and recoat after 6 hours. Ensure previous coat is fully dry before application. At low temperatures or high humidity drying times may be extended
Finish	Matt
Composition	Pigment: Titanium Dioxide, Talc and Zinc based rust inhibitor.
	Binder: Linseed / Tung & Urethane alkyd resins.
	Solvent: Dearomatised White Spirit.
Spreading Rate	Up to 12m ² per litre on smooth surfaces
Wet Film Thickness	83 micrometres at 12m ² per litre
Dry Film Thickness	42 micrometres at 12m ² per litre.
Volume Solids	50% 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 Surfaces	All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. At the end of preparation prime the surface with one coat of Crown Trade Universal Metal Primer
All Metals	Lightly abrade to a bright (not polished) surface – excluding galvanised surfaces. Wash with hot water and liquid detergent solution to remove oil, grease or any other contaminants, frequently changing the water. Rinse thoroughly with clean water. Allow to dry.
Galvanised Metal	Bright galvanised surfaces should be pre-treated with Crown Trade Protective Coatings T Wash . Overall blackening of the surface will confirm satisfactory surface degreasing. When dry prime with one coat of Crown Trade Universal Metal Primer .
Non Ferrous Metals	Prime bare metal with one coat of Crown Trade Universal Metal Primer .
Ferrous Metals	Remove all millscale and rust back to clean bright metal. Remove all residues. Prime within the working day with one coat of Crown Trade Universal Metal Primer .
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 Crown Trade Fungicidal Solution and removed. Spot prime areas with Crown Trade Universal Metal Primer . 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.
COATING SYSTEM	
	Apply one coat.



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APPLICATION	<p>Stir well before and during use. Apply using good quality tools – synthetic or bristle brush or medium/micro fibre pile roller.</p> <p>Note: 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 Crown Trade Universal Primer.</p>
CLEANING	Return surplus material to container. Clean tools & equipment with a proprietary cleaner immediately after use.
STORAGE	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.
MAINTENANCE INFORMATION	Between maintenance redecoration, surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt.
HEALTH AND SAFETY	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.
GENERAL INFORMATION	<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. Under normal and frost free conditions this product will remain usable for up to two years if stored correctly and unopened.</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</p> <p>Fax: 0330 0240278</p> <p>e-mail: info@crowntrade.co.uk</p> <p>website: www.crowntrade.co.uk</p> <p>This information is correct at date of issue January 2021</p>



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