

# TECHNICAL DATA SHEET



## PRIMER UNDERCOAT

Crown Trade Primer Undercoat has superior filling properties and provides fantastic coverage and obliteration, creating the perfect base for Crown Trade topcoats. It can also be used on exterior surfaces, however recommend using products from our exterior brands for external projects as their formulations are specifically designed for this purpose.

| AVAILABILITY             |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Colour                   | Refer to current Crown Trade Literature                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging                | 1L, 2.5L, 5L                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROPERTIES               |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Suitable Surfaces        | Interior and exterior suitably prepared wood and metal surfaces                                                                                                                                                                                                                                                                                                                                                 |
| Drying Time @ 20°C/65%RH | Under normal drying conditions touch dry in 4-6 hours and recoat after 16 hours. Allow for adequate ventilation during the drying period. At low temperatures or high humidity drying time may be extended.                                                                                                                                                                                                     |
| Finish                   | Matt                                                                                                                                                                                                                                                                                                                                                                                                            |
| Composition              | Pigment: Titanium Dioxide, coloured pigments & extenders                                                                                                                                                                                                                                                                                                                                                        |
|                          | Binder: Alkyd Resin                                                                                                                                                                                                                                                                                                                                                                                             |
|                          | Solvent: Dearomatised White Spirit.                                                                                                                                                                                                                                                                                                                                                                             |
| Spreading Rate           | Up to 18m <sup>2</sup> per litre on smooth surfaces                                                                                                                                                                                                                                                                                                                                                             |
| Wet Film Thickness       | 56 micrometres at 18m <sup>2</sup> per litre                                                                                                                                                                                                                                                                                                                                                                    |
| Dry Film Thickness       | 30 micrometres at 18m <sup>2</sup> per litre.                                                                                                                                                                                                                                                                                                                                                                   |
| Volume Solids            | 55 %.                                                                                                                                                                                                                                                                                                                                                                                                           |
| Flash Point              | 40°C (closed cup)                                                                                                                                                                                                                                                                                                                                                                                               |
| VOC Content              | EU limit value for this product (cat.A/d): 300 g/l (2010). This product contains max. 299 g/l VOC.                                                                                                                                                                                                                                                                                                              |
| Limitations              | <p>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.</p> <p>Note: Ensure previous coat is fully dry before application, colder conditions will extend the drying period.</p> <p>Certain circumstances, such as lack of daylight may lead to white and very pale colours yellowing over time.</p> |
| PREPARATION              |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| All new 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. When dry prime with one coat of <b>Crown Trade Universal Metal Primer</b> followed by one coat of <b>Crown Trade Primer Undercoat</b> .     |
| Galvanised Metal         | Bright galvanised surfaces should be thoroughly degreased as per new metals, then pre-treated with a T Wash. Overall blackening of the surface will confirm satisfactory surface degreasing. When dry prime with one coat of <b>Crown Trade Universal Metal Primer</b> followed by one coat of <b>Crown Trade Primer Undercoat</b> .                                                                            |
| Non Ferrous Metals       | Prime bare metal with one coat of <b>Crown Trade Universal Metal Primer</b> followed by one coat of <b>Crown Trade Primer Undercoat</b> .                                                                                                                                                                                                                                                                       |



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| Ferrous Metals                      | Remove all millscale and surface rust back to clean bright metal. Remove all residues. Prime within the working day with one coat of <b>Crown Trade Universal Metal Primer</b> followed by one coat of <b>Crown Trade Primer Undercoat</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Previously Decorated Metal 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 loose and failing or suspect paint. Feather edges of sound paint. Remove all dust. Remove all rust. Spot prime all bare metalwork with <b>Crown Trade Universal Metal Primer</b> . Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Wet abrade to provide a key. Rinse with clean water to remove all residues. Allow to dry. Bring forward spot primed areas with one coat of <b>Crown Trade Primer Undercoat</b> followed by one coat of <b>Crown Trade Primer Undercoat</b> .                                                                                                                                                                                                                                                                                                                              |
| New Wood Surfaces                   | All surfaces must be sound, clean, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. Rub down with a suitable grade of abrasive paper and round sharp edges to a 1-3mm radius. Remove all dust. Timber with oils/extractives must be swabbed with clean methylated spirits, frequently changing the face of the cloths. Treat any knots with two coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with <b>Sandtex Ready Mixed Filler</b> or 2 pack wood filler. Apply one coat of <b>Crown Trade Primer Undercoat</b> .                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Previously Decorated Wood Surfaces  | All surfaces must be sound, clean, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. Remove all loose, failing or suspect paint. Remove grey and denatured surfaces by rubbing down with abrasive paper. Feather edges of sound paint. Remove all dust. Organic growth must be removed and the areas treated with <b>Sandtex Trade Fungicidal Solution</b> . Remove any defective putty glazing, clean and prime rebates, replacement putties must be allowed to form a hard skin. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, cracks and shallow surface defects with <b>Sandtex Ready Mixed Filler</b> or 2 pack wood filler. Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Wet abrade to provide a key. Rinse with clean water to remove all residues. Allow to dry. Spot prime bare and filled areas with one coat of <b>Crown Trade Primer Undercoat</b> . |
| <b>COATING SYSTEM</b>               | Apply one coat.<br><br>Note: Certain colours may require additional coat to give complete obliteration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>APPLICATION</b>                  | Stir well before and during use. Apply using good quality tools – synthetic or bristle brush or short/medium pile roller. Maintain a wet edge.<br><br>A characteristic of the new technology used in this product is that whiteness intensifies as the paint dries.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>CLEANING</b>                     | Return surplus material to container. Wash 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>HEALTH AND SAFETY</b>            | Please refer to the Safety, Health and Environmental Information on the container.<br><br>Take special precautions during the surface preparation of pre 1960's painted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



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|                     | 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 | 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.                                                                                                                                                                                                                                                                            |
|                     | 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.                                                                                                                                                                                                                       |
|                     | Before using this product please ensure you have the latest information. For help or more information contact the Crown Trade Customer Care Team on:<br>Tel: 0330 0240297<br>Fax: 0330 0240278<br>e-mail: <a href="mailto:info@crowntrade.co.uk">info@crowntrade.co.uk</a><br>website: <a href="http://www.crowntrade.co.uk">www.crowntrade.co.uk</a>                                                                                                  |
|                     | This information is correct at date of issue September 2024                                                                                                                                                                                                                                                                                                                                                                                            |



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