

## PRIMER UNDERCOAT

A primer and undercoat in one product for use on wood and metal. It is easy to apply with great coverage and opacity, creating an ideal foundation for overcoating with a gloss, satin or eggshell finish.

Whilst this product has been formulated for interior use, it can also be used on exterior surfaces. We would 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 Macpherson Trade Literature
Packaging	1L, 2.5L and 5L
PROPERTIES	
Suitable Surfaces	Suitably prepared wood and metal
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.
Finish	Matt
Composition	Pigment: Titanium Dioxide, coloured pigments and extenders Binder: Resin: Alkyd. 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	32 micrometres at 15m <sup>2</sup> per litre.
Volume Solids	49%.
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	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. Do not over apply. A characteristic of the technology in this product is that whiteness intensifies as the paint dries.
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 PX4 Primer</b> followed by one coat of <b>Macpherson 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 PX4 Primer</b> followed by one coat of <b>Macpherson Primer Undercoat</b> .
Non Ferrous Metals	Prime bare metal with one coat of <b>Crown Trade PX4 Primer</b> followed by one coat of <b>Macpherson Primer Undercoat</b> .
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 PX4 Primer</b> followed by one coat of <b>Macpherson 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. Organic growth must be treated with <b>Sandtex Trade Fungicidal Solution</b> and removed. Feather edges of sound paint. Remove all dust. Remove all rust. Spot prime all bare metalwork with <b>Crown Trade PX4 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

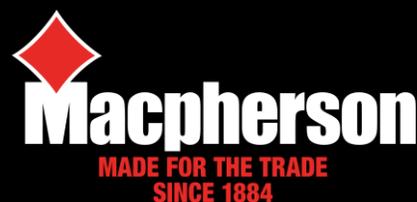


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# TECHNICAL DATA SHEET



	to remove all residues. Allow to dry. Bring forward spot primed areas with one coat of <b>Macpherson 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>Macpherson 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 treated with <b>Sandtex Trade Fungicidal Solution</b> and removed. 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>Macpherson Primer Undercoat</b> .
<b>COATING SYSTEM</b>	Apply one coat. Certain colours may require additional coats to give complete obliteration. Always intermix packs for colour consistency. Please check for colour accuracy prior to application. Crown Paints is not liable for decorating costs caused as a result of an incorrect colour being applied.
<b>APPLICATION</b>	Stir well before and during use. Apply using good quality tools – synthetic or bristle brush or short/medium micro pile roller. Maintain a wet edge.
<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. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. For further information contact the Customer Care 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 Macpherson 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>	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 Macpherson Trade Customer Care Team on: Tel: 0330 0240313 Fax: 0330 0240278 e-mail: <a href="mailto:info@macphersontrade.co.uk">info@macphersontrade.co.uk</a> website: <a href="http://www.macphersontrade.co.uk">www.macphersontrade.co.uk</a>



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