



## TECHNICAL DATA SHEET

### UNDERCOAT

An alkyd based undercoat that is easy to apply with excellent covering power and flow that produces a non absorbent surface suitable for overcoating with Macpherson Gloss.

### AVAILABILITY

Colour range Full colour range to complement Macpherson Gloss.  
Packaging 1, 2.5 and 5 litre.

### PROPERTIES

Drying time Under normal drying conditions surface dry 3-5 hours and recoatable after 16 hours. Allow for adequate ventilation during the drying period.  
Finish Mid sheen.  
Composition Pigment: Titanium Dioxide, coloured pigments and extenders.  
Resin: Alkyd.  
Solvent: Dearomatised White Spirit.  
Spreading rate Up to 15m<sup>2</sup> per litre depending on surface texture.  
Wet film thickness 56 micrometres at 15m<sup>2</sup> per litre.  
Dry film thickness 33 micrometres at 15m<sup>2</sup> per litre.  
Volume solids 58% White other colours will vary.  
Flash point 40°C (closed cup).  
VOC content EU limit value for this product (cat.A/d): 400 g/l (2007) / 300 g/l (2010)  
This product contains max. 399 g/l VOC.

Limitations Do not apply when air or substrate temperatures are likely to fall below 5°C or when the relative humidity is above 80% during application or the drying period.

### PREPARATION

#### New surfaces

#### Timber

All surfaces must be 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 1-3mm. Remove all dust. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Prior to priming the moisture content of the substrate should not exceed 18%. Prime with one coat of Macpherson Wood Primer or Macpherson Universal Primer as required.

#### All metals including galvanised

Surfaces must be clean and free from anything that will interfere with the materials to be applied. 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. New galvanised surfaces should be pre-treated with Decorators Choice Passivating Wash. Overall blackening of the surface will confirm satisfactory surface preparation.

**You can stake your reputation on Macpherson Trade Paints.**

For further details on any products in the Macpherson Trade Paints range please call the Customer Relations Team on: **0870 241 6457** or visit the Macpherson website: [www.macphersontrade.co.uk](http://www.macphersontrade.co.uk)





# Macpherson

## TRADE PAINTS

Additional surface preparation – all metals  
Non-ferrous metals

Lightly abrade to a bright (not polished) surface – excluding galvanised surfaces. Rinse thoroughly with clean water to remove all residues. Allow to dry. Prime, including galvanised surfaces, with one coat of Macpherson Universal Primer.

Ferrous metals Remove all millscale and rust back to clean metal. Remove all residues. Prime within the working day with one coat of Macpherson Universal Primer.

Previously decorated surfaces

Timber 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. Prior to painting the moisture should not exceed 18%. Remove grey and denatured surfaces by rubbing down with abrasive paper or by mechanical means and round sharp edges 1-3mm. Feather edges of sound paint. Remove all dust. Organic growth must be removed and the areas treated with Crown Trade Fungicidal Solution. 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, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler or a two pack proprietary wood filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Spot prime all bare woodwork with one coat of Macpherson Wood Primer or Macpherson Universal Primer.

Metals 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 one coat of Macpherson Universal Primer.

Timber and metals Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Wet abraded to provide a key. Rinse with clean water to remove all residues. Allow to dry. Bring forward and apply overall one coat of Macpherson Undercoat.

COATING SYSTEM Apply one or two coats as required. Maintain a wet edge.  
APPLICATION Stir well before use. Apply by brush to an even thickness (a fine, soft long filament bristle brush gives best results). Maintain a wet edge. On timber lay off in the direction of the grain.

CLEANING Return surplus material to container. Clean with a proprietary cleaner immediately after use.

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 Akzo Nobel Customer Advice Centre. 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 Akzo Nobel products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.

GENERAL INFORMATION

Apply all products in accordance with BS 6150: 2006 Code of practice for painting of buildings and BS 8000: Part 12: 1989 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.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Akzo Nobel Decorative Coatings Ltd. is unable to guarantee results as it has no control over the conditions under which its products are applied. For help or more information contact the Akzo Nobel Customer Advice Centre 0870 241 6457. Before using this product please ensure you have the latest information. The information is correct at date of issue December 2007.

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TRADE PAINTS