

## TECHNICAL DATA SHEET

### ACRYLIC GLOSS

**A fast drying, self-undercoating product based on acrylic resins, which can be thinned, providing a non-yellowing finish with minimal odour.**

#### AVAILABILITY

**Colour range** Brilliant White.

**Packaging** 2.5 litres.

#### PROPERTIES

**Drying time** Under normal drying conditions touch dry 2 hours, recoatable after 4 hours. Allow for adequate ventilation during the drying period.

**Finish** Gloss.  
**Composition** Pigment: Titanium Dioxide and extenders.  
Binder: Acrylic polymer.  
Solvent: Water.

**Spreading rate** Up to 13m<sup>2</sup> per litre depending on surface texture and porosity.

**Wet film thickness** 77 micrometres at 13m<sup>2</sup> per litre.

**Dry film thickness** 30 micrometres at 13m<sup>2</sup> per litre.

**Volume solids** 39%

**Flash point** Not applicable.

**VOC content** EU limit value for this product (cat.A/d): 130 g/l (2010)  
This product contains max. 49 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

**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. 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. Prime with one coat of Macpherson Acrylic Primer Undercoat.

##### 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. Galvanised surfaces should be pre-treated with Decorators Choice Passivating Wash. Overall blackening of the surface will confirm satisfactory surface preparation.



### **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 with one coat of Macpherson Universal Primer. Undercoat with one coat of Macpherson Acrylic Primer Undercoat.

#### **Ferrous metals**

Remove all millscale and rust back to bright 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. 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 Crown Trade Fungicidal Solution. 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. Spot prime bare and filled areas with one coat of Macpherson Acrylic Primer Undercoat.

#### **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 rust. Remove all dust. Spot prime ferrous and non-ferrous metals including galvanised metal with one coat of Macpherson Universal Primer.

### **Remaining sound coatings**

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. Bring forward patch primed and or spot primed areas with Macpherson Acrylic Primer Undercoat.

#### **COATING SYSTEM**

Apply two coats.

#### **APPLICATION**

Stir well before use. Apply using a good quality fine filament synthetic brush to an even thickness. Lay off in the direction of the grain. Can also be applied by roller, airless or conventional spray.

#### **CLEANING**

Return surplus material to container. Wash with clean water immediately after use.

### **MAINTENANCE INFORMATION FOR CDM FILE**

Between maintenance redecoration surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt.

For further details on any products in the Macpherson Trade Paints range please call the Customer Relations Team on **0330 024 0313** or visit the Macpherson website: [www.macphersontrade.co.uk](http://www.macphersontrade.co.uk)

Crown Paints Limited, PO Box 37, Hollins Road, Darwen, Lancashire BB3 0BG. Tel. 01254 704951





#### 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 our 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. 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: 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. Crown Paints are 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 Customer Relations Team on 0330 024 0313. Before using this product please ensure you have the latest information.

The information is correct at date of issue January 2016.

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