



## TECHNICAL DATA SHEET

### POWERKOTE SMOOTH

High adhesion, Pliolite® based masonry coating. Resists attack by alkalis, acids and mould growths. Powerkote is shower proof in 20 minutes and will dry in temperatures down to -20°C making it suitable for use all the year round.

### AVAILABILITY

Colour range 4 ready mixed shades, Brilliant White, Magnolia plus 32 tintable colours.  
Packaging 5 litre.

### PROPERTIES

Drying time Under normal drying conditions surface dry 2 hours and recoatable after 16 hours. Allow for adequate ventilation during the drying period.

Finish Matt.

Composition Pigment: Titanium Dioxide, light fast coloured pigments and extenders .

Resin: Plasticised Pliolite®

Solvent: White Spirit Blend.

Spreading rate Up to 6.5m<sup>2</sup> per litre depending on surface texture and porosity.

Wet film thickness 100 micrometres at 6.5m<sup>2</sup> per litre.

Dry film thickness 44 micrometres at 6.5m<sup>2</sup> per litre.

Volume solids 44% Brilliant White other colours will vary.

Flash point 40°C (closed cup).

VOC content EU limit value for this product (cat.A/c): 450 g/l (2007) / 430 g/l (2010)

This product contains max. 449 g/l VOC.

Limitations Do not apply if there is a risk of heavy rain. Do not use on bitumen coatings. The decoration of Fletton brickwork either facings or commons is not recommended.

### PREPARATION

New surfaces All surfaces must be sound, suitably dry and free from anything that will interfere with the adhesion of the materials to be applied. Surfaces with suction (porous surfaces) should be treated with an application of Macpherson Stabilising Solution.

### Previously decorated surfaces

All surfaces must be sound, 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 material by scraping or brushing with a stiff bristle brush (not wire) to a sound edge. Organic growth must be removed and the areas treated with Sandtex Trade Fungicide. For surfaces in poor condition mechanical means may be necessary e.g. pressure washing between 1500-2000 psi (102-136 bar), proprietary paint removal system, wet or dry grit blasting. Care must be taken not to damage the underlying surface. Fill cracks and small defects in masonry surfaces with Sandtex Trade Ready Mixed Filler or Exterior Easiplast and finish to match existing. Stabilise all bare, filled and previously decorated chalking areas with an application of Macpherson Stabilising Solution. Wash any soundly adhering gloss painted surfaces with hot water and liquid detergent solution to remove any contaminants frequently changing the water. Wet abrade to provide a key. Rinse thoroughly with clean water to remove all residues.

**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

COATING SYSTEM	Apply two coats as required.
APPLICATION	Stir well before use. Apply by brush, medium or long pile roller depending on surface texture, or by airless spray. For airless spray use a minimum fluid pressure of 2000psi (136 bar) and a minimum tip size of 0.018 thou. Mask as necessary with a wet strength grade masking paper.
CLEANING	Return surplus material to container. Clean with a proprietary cleaner 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.
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	<p>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.</p> <p>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</p>

**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)

