

# TECHNICAL DATA SHEET



## POWERKOTE SMOOTH MASONRY

A solvent based Pliolite® coating which provides a durable smooth protective and decorative finish. It is formulated to be rain resistant in 20 minutes and will dry in temperatures down to -10°C making it suitable for use all year round.

AVAILABILITY	
Colour range	Refer to current Macpherson literature
Packaging	5L
PROPERTIES	
Suitable Surfaces	External concrete, masonry, stone, brick, block and most exterior grade building boards.
Drying time @ 20°C/65%RH	Resistant to showers after 20 minutes. Under normal drying conditions touch dry in 2-3 hours and recoat after 16 hours. Allow for adequate ventilation during the drying period
Finish	Flat Matt
Composition	Pigment: Titanium Dioxide, light fast coloured pigments and extenders Resin: Plasticised Pliolite® Solvent: Dearomatised White Spirit.
Spreading rate	Up to 6.5m <sup>2</sup> per litre on smooth surfaces. On textured surfaces the spreading rate will be reduced
Wet film thickness	154 micrometres at 6.5m <sup>2</sup> per litre
Dry film thickness	67 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): 430 g/l (2010) This product contains max. 429g/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. Fill cracks and small defects in masonry surfaces with <b>Sandtex Ready Mixed Filler</b> and finish to match existing. Surfaces with excessive suction, chalky residues or loose particles should be treated with an application of <b>Macpherson Stabilising Solution</b> .
Aged Undecorated or 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 treated with <b>Sandtex Trade Fungicidal Wash</b> and removed. 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 small cracks and defects in masonry surfaces with <b>Sandtex Ready Mixed Filler</b> and finish to match existing. Stabilise all bare, filled and previously decorated chalking areas with an application of <b>Macpherson</b>



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	<p><b>Stabilising Solution.</b> 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. Allow to dry.</p>
<b>COATING SYSTEM</b>	Apply two coats. Certain colours may require additional coats to give complete obliteration.
<b>APPLICATION</b>	<p>Stir well before and during use. Apply using good quality tools – synthetic brush, medium or long pile roller depending on surface texture.</p> <p>For airless spray use a minimum fluid pressure of 2000psi (136bar) and a minimum tip size of 0.018 thou. Mask as necessary with a wet strength grade masking paper. For further information follow the spray manufacturer's guidelines.</p> <p>Always intermix (box) 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.</p>
<b>CLEANING</b>	Return surplus material to container. Clean 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>MAINTENANCE INFORMATION</b>	Between maintenance redecoration surfaces may be washed with a warm water and liquid detergent solution to remove surface dirt.
<b>HEALTH AND SAFETY</b>	<p>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 Relations Team. When preparing the 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. 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.</p>
<b>GENERAL INFORMATION</b>	<p>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.</p> <p>Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Final results cannot be guaranteed by Crown Paints as it has no control over the conditions under which its products are applied.</p> <p>Before using this product, please ensure you have the latest information. For help or more information contact the Macpherson Trade Customer Relations 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></p> <p>This information is correct at date of issue March 2023.</p>



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