

WALLSEAL

PRODUCT CODE: WAS 1 & TWS 1000

TECHNICAL DATA SHEET

Product Description	Durable acrylic emulsion paint with good flexibility and superior waterproofing properties.															
Intended uses	<ul style="list-style-type: none"> Used as a waterproofing coating for plastered or bagged walls. For use on thoroughly cleaned fibre cement or suitably primed cement, cement plaster, concrete or gypsum plaster. 															
Features & Benefits	<ul style="list-style-type: none"> Has low water absorption to prevent the ingress of moisture and as a result has improved waterproofing properties compared to regular acrylics. Its good flexibility allows it to expand and contract over cracked surfaces. Good exterior durability and UV resistance. Low dirt pick-up. Low VOC. 															
Product Information	Appearance	Sheen														
	Colour	White (WAS 1)														
	Tint Base	Pastel Tint Base (TWS 1000)														
	Solids	40 % by volume														
	Viscosity at 23 °C	120 - 125 KU														
	Recommended DFT	80 - 100 µm per coat														
	Recommended WFT	200 – 250 µm per coat														
	Theoretical spreading rate	4.4 m ² /L (approx.) at 90 µm DFT														
	Practical spreading rate	The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used														
	VOC	< 16 g/ (White and tinted pastel colours)														
Application Details	Mixing	Ready for use. Stir thoroughly with a flat paddle until homogeneous before use														
	Method	Brush, roller or airless spray														
	Thinning	Not Recommended														
	Cleaning	Water														
	Drying time	Touch dry: 1 h @ 23 °C Over coating: 2 h @ 23 °C														
	Application Environment	<table border="1"> <thead> <tr> <th>Surface Temperature</th> <th>Ambient Temperature</th> <th>Relative Humidity</th> </tr> </thead> <tbody> <tr> <td>Min: 10 °C</td> <td>Min: 10 °C</td> <td>Min: 10%</td> </tr> <tr> <td colspan="3">or 2 °C min. above dew point</td> </tr> <tr> <td>Max: 35 °C</td> <td>Max: 35 °C</td> <td>Max: 85%</td> </tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min. above dew point			Max: 35 °C	Max: 35 °C	Max: 85%		
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Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5L and 20L															
Tint Bases	<ul style="list-style-type: none"> The tint base containers are underfilled to levels which are specific for each tint base to allow for a calculated volume of colourants to be added. The volume indicated on the container is only achieved after the addition of all prescribed colourants as per the formulation. The tint bases and the colourants are unfinished or intermediate products which are not recommended for use on their own. A finished product is only produced once the prescribed quantities of colourants have been thoroughly mixed with the tint base. When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of WALLSEAL (WAS 1). Only colourants from the PLASCON INSPIRED COLOUR system are permitted for use when tinting. 															



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Tinting Procedure	<ul style="list-style-type: none"> Select the required colour and reference no. from the INSPIRED COLOUR system, other suitable systems or colour cards and locate the applicable formulation from the tables. Certain colour choices may require more than two coats to achieve full obliteration (see computer formulations for details in remarks column prior to tinting). Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amount of colourants as per formulation. Inject all required colourants, close container and shake on mechanical shaker for 5 minutes. Note: UNDER NO CIRCUMSTANCES TINT COLOURS FROM (WAS 1) White - USE ONLY THE PRESCRIBED TINT BASES.
Surface Preparation	<p>Ensure that surfaces are dry, free from dirt, grease and oil and loose and flaking paint. Repair surface defects with the appropriate POLYCELL POLYFILLA product.</p> <p>1. NEW WORK</p> <p>1.1 Cement plaster, concrete, unglazed brickwork, fibre-cement, ceiling boards: Prime with PROFESSIONAL GYPSUM & PLASTER PRIMER (PP 700) or PLASCON PLASTER PRIMER (UC56). N.B. Soft, underbound, friable and highly porous surfaces must be restored to a sound condition with PLASCON BONDING LIQUID (CVI 14) before painting.</p> <p>1.2 Gypsum plaster, gypsum board, hardboard: Prime with PROFESSIONAL WATERBASED GYPSUM & MASONRY SEALER (PGS 1) or PLASCON PLASTER PRIMER (UC 56) or PROFESSIONAL GYPSUM & PLASTER PRIMER (PP 700).</p> <p>2. PREVIOUSLY PAINTED SURFACES</p> <p>2.1 Previously painted surfaces in sound condition: Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean with POLYCELL SUGAR SOAP POWDER solution to remove all contaminants. Rinse with clean water to remove all traces of POLYCELL SUGAR SOAP. Apply 2 coats of WALLSEAL, allow 2 hours drying between coats. Enamel surfaces should be sanded to a matt finish to provide a key for painting. Apply one coat of PLASCON UNIVERSAL UNDERCOAT (UC 1) or PROFESSIONAL ALL PURPOSE UNDERCOAT (PU 800). Allow 16 hours to dry.</p> <p>2.2 Previously painted surfaces in poor condition: Completely remove paint by most appropriate means. E.g. scraping, coarse sanding or stripping with REMOVAL ALL PURPOSE COATING REMOVER (RRA 220). Wash thoroughly with POLYCELL SUGAR SOAP POWDER solution. Rinse with fresh water. Proceed as for new work.</p> <p>2.3 Chalky surfaces: Remove as much of the chalky surface as possible by scrubbing using POLYCELL SUGAR SOAP SOLUTION. Rinse thoroughly with tap water and allow to dry completely. Seal with PLASCON BONDING LIQUID (CVI 14) and allow to dry for 16 hrs.</p> <p>3. FILLING: Fill defects with POLYCELL POLYFILLA MENDALL 90 or POLYCELL POLYFILLA INTERIOR. Fill fibre- cement with POLYCELL POLYFILLA MENDALL 90 and seal with PLASCON PLASTER PRIMER (UC 56) or PROFESSIONAL GYPSUM & PLASTER PRIMER (PP 700).</p>
Application	<ul style="list-style-type: none"> Apply two coats WALLSEAL at an average spreading rate of 4 m²/L. Allow at least two hours drying between coats.
Caution	<ul style="list-style-type: none"> NOT suitable to seal concrete dams or ponds or surfaces permanently immersed in water. Not to be used on roofs as a topcoat. To ensure that colours on a project are consistent check that batch numbers are the same. Avoid painting during inclement weather or if temperature is below 10 °C.
Safety Precautions	<ul style="list-style-type: none"> Keep out of reach of children. Ensure good ventilation during application and drying. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. Harmful if swallowed. Do not induce vomiting. Seek medical attention. Refer to Safety Data Sheet for complete information.



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DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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