

# DAMPSEAL

PRODUCT CODE: WDS 1

## TECHNICAL DATA SHEET

<b>Product Description</b>	<b>DAMPSEAL</b> is a single pack water barrier coating to treat the effects of rising and penetrating damp.													
<b>Intended uses</b>	<ul style="list-style-type: none"> <li>For use on vertical walls in bathrooms, kitchens, living rooms, basements, cellars, etc. where damp problems occur.</li> <li>Suitable for both interior and exterior use.</li> <li>For use on well prepared new and old bare cement plaster, concrete, brickwork, fibre-cement, etc. in sound condition. <b>NOT</b> suitable for gypsum plaster and other soft surfaces or previously painted surfaces.</li> </ul>													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>The film has excellent adhesion to both wet and dry substrates.</li> <li><b>DAMPSEAL</b> reacts with moisture in the substrate forming an impenetrable barrier through which the movement of water and dissolved salts is not possible.</li> <li>It preserves the integrity of the substrate by preventing the loss of soluble salts.</li> <li><b>DAMPSEAL</b> effectively seals the surface and protects subsequent paint films against the effects of rising and penetrating damp.</li> <li>Protects against paint peeling, efflorescence, mould, etc. on the affected surface.</li> </ul>													
<b>Product Information</b>	Appearance	Heavy textured paste												
	Colour	White												
	Generic type	Synthetic polymer												
	Solids	78% mass by 51% volume												
	Viscosity at 23 °C	Light paste												
	Theoretical spreading rate	5 m <sup>2</sup> /L @ 100 µm DFT												
	Practical spreading rate	The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.												
	VOC	136 g/L												
<b>Application Details</b>	Mixing Method	Stir with a flat paddle until homogenous.												
	Thinning	Brush only.												
	Cleaning	Thin first coat 3 parts <b>PLASCON DAMPSEAL</b> to 1 part <b>MINERAL TURPENTINE</b> by volume.												
	Drying time	<b>MINERAL TURPENTINE.</b> Touch dry: 1 h @ 23 °C Over coating: 24 h @ 23 °												
	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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<b>Storage and Packaging</b>	Store in a cool dry place away from direct sun, heat and sparks. Packaging: 1L and 5L													

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<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>• Ensure that surfaces are clean and sound before painting. Surfaces may be slightly damp but not wet.</li> <li>• Remove any paint completely back to the bare substrate.</li> <li>• Remove loose and friable material to achieve a sound surface.</li> <li>• Re-plaster with cement plaster if necessary.</li> <li>• Remove any oil and grease with <b>POLYCELL SUGAR SOAP</b>. Rinse thoroughly.</li> <li>• Fill cracks with <b>POLYFILLA EXTERIOR</b> or <b>POLYFILLA MASONRY PATCHING PLASTER</b>.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• On exceptionally porous surfaces, a third coat may be necessary.</li> <li>• <b>PLASCON DAMPSEAL</b> may be overcoated with a good quality emulsion or enamel paint. If overcoating with an enamel, first prime with <b>PLASCON PLASTER PRIMER (UC 56)</b>.</li> <li>• <b>Treat exceptionally damp walls as follows:</b></li> <li>• Divide the area into three equal horizontal sections. Apply a first coat thinned 3 parts <b>PLASCON DAMPSEAL</b> to 1 part <b>MINERAL TURPENTINE</b> by volume) to the bottom section and allow 24 hours to dry.</li> <li>• Next treat the middle section and allow 24 hours to dry.</li> <li>• Finally treat upper section and again allow 24 hours to dry.</li> <li>• Apply a second coat (unthinned) to the entire area.</li> <li>• <b>NOTE:</b> Coating may be smoothed over with a trowel wetted with <b>MINERAL TURPENTINE</b> to match up to a smooth wall surface.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>• <b>NOT</b> suitable for gypsum plaster and other soft surfaces.</li> <li>• Do not use <b>POLYFILLA INTERIOR</b> for filling. Use <b>POLYFILLA EXTERIOR</b> or <b>POLYFILLA MASONRY PATCHING PLASTER</b>.</li> <li>• On exterior surfaces overcoat <b>PLASCON DAMPSEAL</b> within 72 hours of application to prevent degradation by UV light.</li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>• Always keep paint out of reach of children.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• If accidental contact with skin should occur, wash immediately with soap and water or a recognized skin cleaner.</li> <li>• Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.</li> <li>• Harmful if swallowed. Seek medical attention and do not induce vomiting.</li> <li>• Do not smoke while painting.</li> <li>• Flammable. Store in a cool dry place away from heat and sparks.</li> <li>• Refer to Safety Data Sheet for complete information.</li> </ul>

### DISCLAIMER:

The recommendations contained herein are given in all 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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