

## TECHNICAL DATA SHEETS

### PERMOGLAZE AQUASHIELD

<b>DESCRIPTION</b>	Permoglaze Aquashield is a high quality, acrylic-based paint with superior water repellent properties. In addition to its long-term durability, it has very good resistance against fungus and algae as well as mould found in the harsh conditions of tropical climates	
<b>PURPOSE</b>	To provide a decorative water-repellent finish for exterior use on the following substrates: new and old plaster, cement, concrete, brickwork, breeze block, building board, hardboard, foamed polystyrene.	
<b>CHARACTERISTICS</b>	<ul style="list-style-type: none"> <li>• Recommended for exterior use mainly. However, the product can also be used on internal walls for bathrooms, kitchen and prayer rooms.</li> <li>• Excellent obliterating power</li> <li>• Highly washable</li> <li>• Excellent water resistance</li> <li>• Alkali resistant</li> <li>• Fast and easy to apply</li> <li>• Good flow properties</li> <li>• High spreading rate</li> <li>• No residual odour</li> <li>• Structured to allow thinning</li> <li>• Outstanding fungal resistance under the harsh Mauritian conditions</li> <li>• Quick drying</li> <li>• Smooth, sheen finish</li> </ul>	
<b>COMPOSITION</b>	An emulsion-based paint formulated with a high durability acrylic resin and incorporating the highest quality pigments specially selected for their performance.	
<b>SURFACE PREPARATION</b>	<ul style="list-style-type: none"> <li>• Surfaces must be dry and moisture content of surface should not be more than 10 % when measured with a moisture meter.</li> <li>• Surfaces must be free of dirt, dust, grease, oil and loose paint.</li> <li>• Surfaces infected by mould or algae growth must be treated with <b>Permoglaze Biocidal Wall Wash</b>, followed by <b>Permoglaze Fungicidal Treatment</b>.</li> <li>• Depending on the surface porosity, apply 1 coat of suitable primers such as; <b>Permoglaze Clear Emulsion Binder</b>, <b>Permoglaze Aquaprime</b> or <b>Permoglaze Plaster Primer</b>.</li> <li>• Leave to dry before applying <b>Permoglaze Aquashield</b>.</li> <li>• A solid finish is obtained with 3 coats of <b>Permoglaze Aquashield</b>.</li> </ul>	
<b>APPLICATION</b>	Method	Brush, Roller, Airless Spray
	Thinning	Water
	Dilution	1 <sup>st</sup> Coat                      Dilution volume ratio of 5 parts of paint to 1 part of water.
		2 <sup>nd</sup> & 3 <sup>rd</sup> Coat              Dilution volume ratio of 10 parts of paint to 1 part of water.
	Cleaning	Water

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<b>PRODUCT INFORMATION</b>	Finish	Dries to a silky decorative finish	
	Shades	White, pastel, medium & dark	
	Volume Solids	40% - 45%	
	Spreading Rate	±10m <sup>2</sup> /liter/coat depending on surface porosity, ambient conditions, colour, dilution and application mode	
	DFT	Dry film thickness will vary between 50 to 60 µm per coat on non-absorbent and smooth substrate.	
VOC	EU Limit for this product (cat A/c): 40g/l (2010). This product contains maximum 3.0g/l VOC.		
Drying Time	Touch Dry	± 30 minutes at 25°C	
	Recoating Time	1-3 hours at 25°C	
<b>PRECAUTIONS</b>	<ul style="list-style-type: none"> <li>The air temperature must not be below 10°C and not higher than 35°C. Humidity must not be below 10% and not higher than 85%.</li> <li>Do not apply to very cold and damp surfaces.</li> </ul>		
<b>PACKAGING</b>	Available in 1, 5 & 20 litres		
<b>STORAGE</b>	Store in a cool, dry and well-ventilated place.		
<b>SAFETY, HEALTH &amp; ENVIRONMENT INFORMATION</b>	<ul style="list-style-type: none"> <li>Handle with care</li> <li>Ensure good ventilation during application.</li> <li>In case of insufficient ventilation during painting, wear suitable respiratory equipment.</li> <li>Avoid contact with skin and eyes.</li> <li>If contact with skin occurs, wash well with soap and water</li> <li>In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.</li> <li>Keep out of reach of children.</li> <li>Do not use empty paint containers for storing foodstuffs.</li> <li>Do not throw paint containers or contents in the waterways or environment.</li> <li>Contains no added <b>Lead/Mercury/Nickel/Cadmium</b>.</li> </ul>		

For further information, kindly contact our Technical Information Service.

Note: This Technical Data Sheet is subject to change without prior notice.

#### DISCLAIMER

This data sheet is based on extensive lab tests and field use. However, if used under unspecified conditions, the performance of the product may differ. We can only guarantee the quality of the product as supplied in its original closed container.