

TECHNICAL DATA SHEETS

PERMOGLAZE ANTI-BACTERIAL

DESCRIPTION	<p>Permoglaze Anti-Bacterial is a low odour ecological water-based product and offers resistance against bacteria complying to the Japanese Standard, JIS Z2801. Permoglaze Anti-Bacterial is highly effective against Escherichia coli, Staphylococcus aureus and promotes a more hygienic environment for hospitals, schools, pharmaceutical facilities, kitchens and catering rooms, hotels and restaurants, food processing industries, bathrooms and other areas where bacterial resistance is required.</p>
CHARACTERISTICS	<ul style="list-style-type: none"> • Anti-Bacterial Properties > 99.0% based on the Japanese Standard, JIS Z2801, the most acceptable worldwide standard which is similar to ISO22196. • Resistant to Bacteria • Formaldehyde Free • APEOs Free • Excellent hiding power • Low odour • Extremely washable • Tough and Durable • Suitable for use on indoor walls and ceilings
COMPOSITION	<p>Permoglaze Anti-Bacterial is an emulsion-based paint specially formulated with anti-bacterial agents and low VOC ingredients and a high durability acrylic resin</p>
SURFACE PREPARATION	<ul style="list-style-type: none"> • Surfaces must be dry and moisture content of surface should not be more than 10 % when measured with a calibrated moisture meter. • Surfaces must be free of dirt, dust, grease, oil and loose paint. • Surfaces infected by mould or algae growth must be treated with Permoglaze Biocidal Wall Wash, followed by Permoglaze Fungicidal Treatment. <p><u><i>Bare New Concrete Surfaces</i></u> Bare new concrete surfaces must be cleaned with water and then primed with 1 coat of Permoglaze Matt Emulsion for maximum opacity. Leave to dry before applying Permoglaze Anti-Bacterial.</p> <p><u><i>Skimmed and Porous Surfaces</i></u></p> <ul style="list-style-type: none"> • 1 coat of Permoglaze Clear Emulsion Binder or Permoglaze Plaster Primer must be applied on skimmed porous surfaces and then primed with 1 coat of Permoglaze Matt Emulsion for maximum opacity. • 2-3 coats of Permoglaze Anti-Bacterial will give the maximum obliteration and required protection.

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APPLICATION	Method	Brush, Roller, Airless Spray		
	Thinning	Water		
	Dilution	1 st Coat	Dilution volume ratio of 5 parts of paint to 1 part of water.	
		2 nd & 3 rd Coat	Dilution volume ratio of 10 parts of paint to 1 part of water.	
	Cleaning	Water		
PRODUCT INFORMATION	Finish	Decorative finish with a light surface sheen		
	Shades	White, pastel, medium & dark		
	Volume Solids	35% - 40%		
	Spreading Rate	8-10m ² /liter/coat depending on surface porosity, ambient conditions, colour, dilution and application mode		
	DFT	Dry film thickness will vary between 45 to 55 µm per coat on non-absorbent and smooth substrate.		
	VOC	EU Limit for this product (cat A/a): 30g/l (2010). This product contains less than 1g/L VOC depending on the colour.		
	Drying Time	Touch Dry	30 minutes at 25°C	
Recoating time		1-3 hours at 25°C		
PRECAUTIONS	<ul style="list-style-type: none"> 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%. Do not apply to very cold and damp surfaces. 			
PACKAGING	Available in 1, 5 & 20 litres			
STORAGE	Store in a cool, dry and well-ventilated place.			
SAFETY, HEALTH & ENVIRONMENT INFORMATION	<ul style="list-style-type: none"> Handle with care Ensure good ventilation during application. In case of insufficient ventilation during painting, wear suitable respiratory equipment. Avoid contact with skin and eyes. If contact with skin occurs, wash well with soap and water In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention. Keep out of reach of children. Do not use empty paint containers for storing foodstuffs. Do not throw paint containers or contents in the waterways or environment. Contains no added Lead/Mercury/Nickel/Cadmium. 			

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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.