

## TECHNICAL DATA SHEET FOR

**BIO-GLAZE**

<b>DESCRIPTION</b>	:	Bio-Glaze is a single packed hygienic coating incorporating Polyurethane Dispersion (PUD) technology with excellent anti-bacterial and anti-fungal properties
<b>TYPE</b>	:	Modified PU-Acrylic
<b>COLOUR</b>	:	Refer to Colour Card
<b>FINISH</b>	:	Gloss
<b>USES</b>	:	<ul style="list-style-type: none"><li>Premium coating for protection of internal masonry wall surfaces</li><li>Mitigation of many varieties of bacteria including MRSA (Methicillin-resistant <i>Staphylococcus aureus</i>), <i>E. coli</i>, SA (<i>Staphylococcus aureus</i>) and fungi. Hence, it is especially recommended for use on :<ul style="list-style-type: none"><li>a) Interiors of hospitals, operating theatres, clinics, nursing homes and other medical facilities especially area that required frequent Hydrogen Peroxide Vapour (HPV) decontamination</li><li>b) Interiors of food processing plants, restaurants and dining halls</li><li>c) Interiors of schools, kindergartens, daycare and community centers</li></ul></li></ul>
<b>FEATURES</b>	:	<ul style="list-style-type: none"><li>Resistance to fungal growth</li><li>Excellent washability</li><li>Good resistance to disinfectant commonly used in healthcare facilities</li><li>Excellent flow and leveling properties</li><li>Non-toxic, does not contain lead, mercury and heavy metals</li><li>Low VOC</li><li>Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme</li></ul>
<b>APPLICATION DATA</b>		
<b>METHOD</b>	:	Roller or brush
<b>THEORETICAL COVERAGE</b>	:	Approximately 10 m <sup>2</sup> / litre (based on 40 µ DFT)
<b>DILUTION</b>	:	No dilution is necessary for best performance
<b>SURFACE PREPARATION</b>	:	Ensure surface is clean, dry and stable using the following suggested surface treatments:

- **Moisture:** There must not be any water residue on the surface of the substrate. Moisture must be <4% (Sovereign moisture master) before application
- **Unstable matter :** Remove loose bonding film, dirt, peeling paint, etc by high-pressure water jet wash or mechanical means such as power brush or scraper, whichever is suitable
- **Contaminants:** Remove dust and foreign matter by cleaning with damp cloth. Remove oil or grease using solvent or mild detergent. Allow surface to dry
- **Fungus and Algae:** Wash the affected area to remove unstable matters and micro-organisms. Apply Anti-Fungus Solution and leave on for at least 2 hours
- **Hairline cracks :** Fill cracks with suitable exterior grade water-resistant putty or filler

**DRYING TIME** : Surface dry - 30 minutes at 30 °C  
Hard dry - 2 hours at 30 °C

**OVERCOATING TIME** : 2 hours based on normal conditions

**RECOMMENDED PAINTING SYSTEM** : 1 coat of Vinilex 2000 Wall Sealer  
2 coats of Bio-Glaze  
For severe hairline crack, an additional coat is highly recommended

**CLEANING** : All equipments should be cleaned with water immediately after use

### GENERAL INFORMATION

**SOLID CONTENT** :  $52.0 \pm 2.0$  % by weight (based on white colour)

**SPECIFIC GRAVITY** :  $1.25 \pm 5.0$  % kg / litre (based on white colour)

**PACKING** : 5 litres and 20 litres

**STORAGE** : Store in a tightly sealed container in a cool, dry place away from heat source or ignition

**SHELF LIFE** : Up to 24 months in a tightly sealed container

**PRECAUTION** : Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin. Use appropriate personal protective equipment.  
Refer to the product Safety Data Sheet for more information

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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