

TECHNICAL DATA SHEET FOR

BIO-GLAZE

DESCRIPTION	:	Bio-Glaze is a single packed hygienic coating incorporating Polyurethane Dispersion (PUD) technology with excellent anti-bacterial and anti-fungal properties
TYPE	:	One pack water-based polyurethane for interior use
COLOUR	:	Refer to Colour Card
FINISH	:	Gloss
USES	:	<ul style="list-style-type: none">• Premium coating for protection of internal masonry wall surfaces• 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 :<ol style="list-style-type: none">a) Interiors of hospitals, operating theatres, clinics, nursing homes and other medical facilitiesb) Interiors of food processing plants, restaurants and dining hallsc) Interiors of schools, kindergartens, daycare and community centers
FEATURES	:	<ul style="list-style-type: none">• Anti-bacterial and anti-fungal properties• Excellent washability• Non-toxic, does not contain heavy metals• Environmentally friendly and low VOCs (Volatile Organic Compounds)• Excellent flow and leveling properties• Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme

APPLICATION DATA

METHOD	:	Roller or brush
THEORETICAL COVERAGE	:	Approximately 10 m ² / litre (based on 40 µ DFT)
DILUTION	:	No dilution is necessary for best performance
SURFACE PREPARATION	:	Ensure surface is clean, dry and stable using the following suggested surface treatments: <ul style="list-style-type: none">• Moisture :There must not be any water residue on the surface of the substrate. Moisture must be <4% (Sovereign moisture master) before application

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- **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 ± 2.0 % by weight (based on white colour)

SPECIFIC GRAVITY : 1.25 ± 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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