

TECHNICAL DATA SHEET FOR

AQUA PU

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| DESCRIPTION | : | Aqua PU is a water-based single-packed coating incorporating Polyurethane Dispersion (PUD) technology. This environmental-friendly one pack paint is specially formulated for interior use for suitably primed concrete floor, masonry wall, timber and metal |
| TYPE | : | One pack water-based polyurethane |
| COLOUR | : | Refer to Colour Card |
| FINISH | : | Gloss |
| USES | : | <ul style="list-style-type: none">• Premium coating for protection of internal masonry surfaces, such as cement, plastered walls, brickwork and fibreboards.• Recommended as an interior topcoat on concrete floor for light traffic such as offices, schools, canteens and sheltered areas such as balconies and pedestrian walkways.• For interior application of primed timber and metal |
| FEATURES | : | <ul style="list-style-type: none">• Fast drying with short over-coating time interval as compared to solvent based types thus minimizing down time• Easy application• Easy maintenance• Excellent stain resistance• Excellent flow and leveling properties• Water-based and non-toxic, does not contain heavy metals |
| APPLICATION DATA | | |
| METHOD | : | Roller or brush |
| THEORETICAL COVERAGE | : | Approximately 10 m ² / litre (based on white colour, 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 for masonry wall) and <4% (Tramex moisture meter for floor) 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

Metal

The surface of the substrate must be:

- Clean/Dry
- Free for grease/oil
- Free from rust/foreign matter
- Free from unstable old film

Exposed metal must be primed with:

Non-ferrous: Vinilex 120 Active Primer

Ferrous: Aqua Primer Sealer Undercoat

Wood

- : Prepare by sanding to establish a smooth clean surface which is then applied with 1 coat of Aqua Primer Sealer Undercoat

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

- : **Wall Masonry surfaces**
 - 1 coat of Vinilex 2000 Water Based Wall Sealer
 - 2 coats of Aqua PU

Concrete Floor

- 1 coat of Aqua-Floor 700 Sealer
- 2 coats of Aqua PU

Bare timber or ferrous metal substrates

- 1 coat of Aqua Primer Sealer Undercoat
- 2 coats of Aqua PU

Non ferrous metal substrates

- 1 coat of Vinilex 120 Active Primer
- 1 coat of Aqua Primer Sealer Undercoat
- 2 coats of Aqua PU

CLEANING

- : All equipments should be cleaned with water immediately after use

GENERAL INFORMATION

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| SOLID CONTENT | : | 50.0 ± 2.0 % by weight (Base on white colour) |
| SPECIFIC GRAVITY | : | 1.24 ± 2.0 % kg / litre (Base on white colour) |
| PACKING | : | 5 litres and 20 litres |
| STORAGE | : | Store in a tightly sealed container in a cool, dry place avoiding direct sunlight and heat, preferably below 35 °C |
| 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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