

**TECHNICAL DATA SHEET FOR  
EvoGLOSS ENAMEL**

- DESCRIPTION** : EvoGloss Enamel is a water-based acrylic gloss enamel with low VOC (Volatile Organic Content) and extremely low odour during application and drying. It is formulated to be an environmentally favorable GREEN product to replace conventional Solvent-based paint for multi-substrate application.  
EvoGloss Enamel is specially formulated for use together with our various water-based primers and sealers for various types of substrates.
- TYPE** : Water-Based Acrylic Paint
- COLOUR** : A wide range of colours
- FINISH** : Gloss
- USES** :
  - Specially designed for New & repainting for Interior and semi-expose areas such as concrete, mortar, building panel, steel, wood, etc
  - The extremely low odour and VOC is especially ideal for use for interiors walls of occupied premises such as hospitals, schools, offices, hotels, nursing homes and residential buildings
- FEATURES** :
  - Extremely low odour during application and drying
  - Non-toxic, does not contain lead, mercury and heavy metals
  - Good alkaline resistance
  - Anti-fungus property
  - Anti-bacterial property
  - Easy application
  - Good coverage and hiding power
  - Good blocking resistance
  - Good stain resistance
  - Good washability
  - Non yellowing
  - Fast drying
  - Easy wash up in water
  - Environmentally friendly paint certified under the Singapore Green Building Product Certification Scheme

**APPLICATION DATA**

- METHOD** : Roller or brush
- THEORETICAL COVERAGE** : Approx 15 - 17 m<sup>2</sup>/L (based on 25 microns DFT)

## EvoGLOSS ENAMEL

**DILUTION** : Ready for use, if necessary, dilution should not be more than 5 % water.

**SURFACE PREPARATION** : **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 - 5 hour at 30 °C

**OVERCOATING TIME** : Min 3 hours based on normal conditions

**RECOMMENDED PAINTING SYSTEM** :

- **New surfaces such as bare timber or ferrous metal substrates :**
  - a) 1 coat of Aqua Primer Sealer Undercoat
  - b) 2 coats of EvoGloss Enamel
- **New surfaces such as non-ferrous metal substrates :**
  - a) 1 coat of Vinilex 120 Active Primer
  - b) 1 coat of Aqua Primer Sealer Undercoat
  - c) 2 coats of EvoGloss Enamel
- **Previously painted surfaces :**  
 Ensure the old alkyd surface is lightly sanded and free from dust before applying 2 coats of EvoGloss Enamel

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

### PERFORMANCE DATA

Test Items	Test Methods	Results
Fineness	SS5 : Part B13 : 2003 (2013)	Below 40 μ
Viscosity	SS5 : Part B12 : 2013	83 - 88 kU
Non-Volatile Matter	SS5 : Part B2 : 2013	Above 50 %
Specific Gravity	SS5 : Part B7 : 2013	1.22 – 1.28
Gloss (60°)	SS5 : Part E1 : 2003 (2013)	Above 80 units

**PERFORMANCE DATA**

Test Items	Test Methods	Results
Hard Drying Time	SS5 : Part D3 : 1988	Below 5 hours
Opacity	SS5 : Part E2 : 2013	Above 94 %
Pencil Hardness	ASTM D3363-00	HB - B
Cadmium (Cd) Content	EPA 3052 / 6010B	Not Detected
Lead (Pb) Content	EPA 3052 / 6010B	Not Detected
Mercury (Hg) Content	EPA 3052 / 6010B	Not Detected
Total Chromium	EPA 3052 / 6010B	Not Detected
Volatile Organic Content (VOC)	ISO 11890-2	Below 70 g/L
Epichlorohydrin Content	ISO 11890-2	Not Detected
Formaldehyde Content	High Performance Liquid Chromatography	Not Detected

**GENERAL INFORMATION**

**PACKING** : 5 & 20 litres

**STORAGE** : Store in a tightly sealed container in a cool dry place.

**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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