



Hi-Gloss Enamel

Alkid based rich gloss finish



Description

ConLite Hi-Gloss Enamel is a top quality lead free enamel based on suitably modified alkyd containing high quality titanium dioxide to provide a tough, durable and hardwearing high gloss finish with good flow, hiding power and film build-up.



Recommended Substrates

ConLite Hi-Gloss Enamel is recommended on metal, timber, may also be used on primed masonry surfaces for internal and external painting.



Technical Data

Colour	As per Conmix paints shade card
Finish, Dry Film	Gloss and Smooth
Specific Gravity (ASTM D 1475)	1.10 - 1.20
Volume of Solids (Theoretical)	50 ± 2%
Theoretical coverage*	10 – 13 m ² /ltr @ 60 - 70 microns wft
Wet Film Thickness Per Coat	60 – 70 micron
Drying time @ 30° C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
Touch Dry	3 - 4 hours
Dry to Recoat*	12 - 18 hours
Hard Dry	24 hours

*Coverage rates can vary according to the substrate porosity, texture and application method.



Performance Features and Benefits

- Excellent gloss retention.
- Excellent hiding and coverage.
- Excellent flow and levelling.
- Excellent durability and hardness
- Good stain resistance



Surface Preparation

The performance of this coating is directly related to the quality of surface Preparation.

- Ensure surface is clean, dry and free from oil, grease and other contaminants.

Steel

Remove rust, if any, by sand blasting or by mechanical abrading.

Timber

Wood may be treated further with suitable wood preservative.

Masonry

Surface must be sound and free from laitance. Remove laitance by wire brush or sweep blast.



Application Tools

Roller – Recommended. | Brush – Recommended to paint corners and edges. | Spray – Use airless spray or conventional spray.



Method of Application

- Application should be carried out with proper ventilation. Windows and doors should be kept open and maximum ventilation should be permitted for drying process.
- ConLite Gloss Enamel has to be stirred thoroughly prior to application.
- Surface temperature should be 3 °C or more above dew point.
- For application by airless spray, use nozzle size “0.013 to 0.021” and pressure 2100 psi, spray angle 65° - 80°.
- Use 5% to 10% ConDure GP thinner for ease of application depending on the method of application.

Note: Use of Alkyd systems on masonry necessitates extra precautions such as, adequate ventilation and light during and for a length of time after application.



Recommended Coat System

For Masonry Surface:

- 1 x ConDure PVA Primer
- 2 x ConDure Stucco Filler
- 1 x ConLite Synthetic Undercoat
- 2 x ConLite Gloss Enamel

For Metal Surface:

- 1 x ConDure Metal Primer Red Oxide
- 2 x ConLite Gloss Enamel

For Timber Surface:

- 1 x ConLite Synthetic Wood Primer
- 2 x ConDure Stucco Filler (Acrylic)
- 2 x ConLite Gloss Enamel



Pack Size

3.6 LTR & 18 LTR



Shelf Life

12 months from date of production, provided the product is stored properly in original unopened packing under proper storage conditions.



Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.



Safety Information & Exposure Controls

It is a solvent based material. Flash Point 25°C. Wear suitable protective clothing such as coveralls, dust masks and gloves. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Refer material safety data sheet as well.



General Information

Stir well prior to use.
Keep the container tightly closed to prevent drying.



Special Notes

Before painting the following aspects should be checked thoroughly:

- Moisture content of the wall (ideal condition - below 5%)
- pH value of the wall surface (ideal condition - below 11)