

Oryx Synthetic Enamel Gloss I

Product Code: 068

Product description

It is general purpose economical synthetic enamel based on alkyd resin for architectural paint for wooden, masonry, steel and other surfaces. It dries to give high gloss film, resistant to cracks and withstands abrasions. It has very good adhesion on interior surfaces.

Recommended use

It is recommended as an interior high gloss finish coat for surfaces in domestic and moderate environments. It is not suitable for constant water immersion or over coating of zinc primed galvanized steel. It has very good hiding power. It is used only for air-drying purpose.

Film thickness and spreading rate

Film thickness, dry (μm)	30 – 40 Microns/Coat
Film thickness, wet (μm)	70 - 95 Microns/Coat
Theoretical spreading rate (m^2/l)	11 – 14 $\text{M}^2/\text{Ltr.}$
Density	1.05 \pm 0.05

Physical properties

Colour	As per Oryx shade card
Solids (vol %)*	43 \pm 2% (ASTM:D2697)

*Theoretically calculated: Low VOC product.

Surface preparation

It can be applied directly over intermediate coat or primed substrate. Galvanized steel, Aluminium and other light metal alloys should be etched or wash primed before primer and undercoat application.

Condition during application

The temperature of the substrate should be min. 8°C and min. 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.

Application methods

Brush, Roller or Spray

AIRLESS SPRAY REQUIREMENTS: Pressure: 2000 – 2200 psi

CONV. SPRAY REQUIREMENTS : Nozzle Size 0.018 – 0.020

Application data

Mixing ratio (volume) / POT LIFE @ 30 °C (100 ml)
Thinner/Cleaner

NA
Oryx G.P. Thinner, 5 – 10% depends on the method of application.

Drying time

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)

Touch dry	6 – 8 hours
Dry to recoat	24 hours
Hard Dry	24 hours

Recommended System

For Steel Surfaces:

Oryx Red Oxide Primer	1 coat x 40 micron
Oryx Synthetic Undercoat	1 coat x 40 micron
Oryx Enamel Gloss	2 coat x 40 micron

For Masonry:

Oryx PVA Primer	1 coat x 40 micron
Oryx Stucco Filler	2 coat x 100 micron
Oryx Synthetic Undercoat	1 coat x 40 micron
Oryx Enamel Gloss	2 coat x 40 micron

Other systems may be specified, depending on area of use

Storage and Handling

Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.

Packing size

0.9 Liter container, 1USG (3.76 Liter) container, and Drum (18 Liter) container.

Shelf Life

18 months, in original sealed container, with proper storage conditions.

Health and safety

As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and air mask, etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. The eyes should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable air mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in a well-ventilated area.

This as industrial product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.
If there is any inconsistency in the text the English (UK) version will prevail.

ISSUED JANUARY 15,2023 BY ORYX PAINTS