



# EGGSHELL ENAMEL

## PRODUCT DESCRIPTION

A quality medium oil alkyd based eggshell enamel paint.

## PRODUCT FEATURES

Dries to a tough durable finish with good weather resistance. Suitable as a decorative & protective finish for both interior & exterior, steel, timber & masonry substrates.

## TECHNICAL INFORMATION

Colour: A standard range of colours, others on request  
Appearance: Eggshell surface finish  
Generic type: Medium oil alkyd  
Total solids: 65 – 68%  
Volume solids: ±40%  
Viscosity: 78Ku  
Spreading rate: 8 - 10m<sup>2</sup>/litre  
Solvent: Mineral Turpentine  
DFT: 25 – 35 microns  
Mix ratio: Single pack ready for use  
Packaging: 1, 5 & 20 litre & 200 litre on request

## SURFACE PREPARATION

All surfaces are to be clean, dry & free from loose paint, oil, grease & other contaminants. Rusted metal must be treated & primed prior to application of Eggshell Enamel. Eggshell Enamel is designed as final coat, thereafter ensure substrates are primed & undercoated prior to application of Eggshell Enamel. Old enamel surfaces should be thoroughly degreased with Sugarsoap, abraded & dust free prior to application of Eggshell Enamel.

## APPLICATION

Eggshell Enamel is to be applied to correctly prepared Surfaces, e.g.

**Wood:** Pink Wood Primer  
Knott Sealer  
Universal Undercoat  
Eggshell Enamel

**Masonry:** Bonding Liquid or Masonry Primer  
Universal Undercoat  
Eggshell Enamel

**Steel:** Etch or Q.D. Red Oxide Primer  
Universal Undercoat  
Eggshell Enamel

**Galvanised Metal:** Etch Primer  
Universal Undercoat  
Eggshell Enamel

**Airless spray:** No dilution necessary  
Nozzle pressure: 100 – 120 bar  
Nozzle orifice: 0.015"

**Conventional spray:** 20 – 25% dilution recommended  
Use Mineral Turpentine  
Air pressure: 2 – 3 bar

Nozzle orifice: 1.5 – 2mm  
Brush and Roller: 10% dilution recommended

Clean up: Mineral Turpentine or Lacquer Thinners for dilution & clean up

## ENVIRONMENT

It is recommended that application be confined to the following:

Surface temperature: Min. 5°C Max. 45°C  
Ambient temperature: Min. 5°C Max. 45°C  
Relative humidity: Min.0% Max.85%  
Or at least 3°C above Dew point

## POT LIFE:

Infinite. Air drying after evaporation of thinners. Do not leave container open.

## DRYING TIME

The drying time is dependent on temperature & ventilation. The higher the temperature & the better the ventilation, the shorter the touch dry & hard dry times.

Substrate Temperature	Touch Dry	Hard Dry
25°C	3 hours	16 hours

## OVERCOATING TIMES

10°C: 24 hours  
15°C: 20 hours  
20°C: 16 hours  
25°C: 12 hours

All the above are given as guidelines & can not be assumed to be absolute, as variances will result from different film thickness, environment & temperature.

## STORAGE AND HANDLING

Store away from direct sunlight, open flames & severe cold.  
Shelf life : 1 year in original sealed containers.  
Flash point: 24°C

## LIMITATIONS

Applications in excess of 35 microns DFT should be avoided to prevent wrinkling.

## SAFETY PRECAUTIONS

Work with PVC gloves, safety glasses & ensure good ventilation. When spraying with Eggshell Enamel, work in a well ventilated area & wear a suitable respirator. This product contains flammable materials. Keep away from sparks & open flames & no smoking should be permitted in the area.

KEEPOUTOFREACHOFCHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.  
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.

It is not to be considered a guarantee of the products properties.

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