



Concrete Enamel Semigloss

DESCRIPTION This product is a superior quality enamel topcoat, designed for interior surfaces. Based on alkyd resin..

Features and benefits

- Specially designed to provide maximum resistance against yellowing.
- Provides semigloss luxury finish. Free from harmful heavy metals such as Mercury, Lead, Cadmium, Arsenic, Chromium etc.

Uses good for decorating and protecting interior surfaces .

Substrate

Cement plaster, Concrete, block work, rendered surfaces, Gypsum board, Wood, Steel etc. Substrate should have sufficient strength to receive the paint. Any defects in the substrate like surface undulations, cracks, pin holes etc., should be rectified/filled before starting painting.

Properties

coverage	From 11 - 12 m2
thickness	30 - 35 microns
Viscosity	600 - 400
Dilution	Concrete Tenner
finish	Semi-gloss
thinner	20% first face and 10% second face
Solid material	45 %

Drying time	2-3 hours at a 25°
density	1.17-1.19 kg / liter
tools	Roller - brush - pressure gun
Storage	24 months "conditions apply"

size of the packages

- 1 L - 3 L - 10 L.





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Usage Instructions

- Clean the surface well from dust, dirt, grease and oils.
- Primer on metal surfaces before painting.
- When painting a previously painted surface, it must be thoroughly cleaned and the weak and fragile parts removed.

Usage and implementation steps

- 1- Use a thinner to thin out.
- 2- Flipping good.
- 3- A first face is painted, then a second face, taking into account the time difference between them.

The product can be applied by

- Roller : Recommended.
- Spray : Use airless spray or conventional spray.
- Brush : Recommended to paint corners and edges..

Instructions for using a compressed spray

- The angle of spraying is (60-80) degrees.
- Nozzle size (0.018-0.02 ").
- Pressure at the nozzle (150 kg / cm²).

Types of paints

- 1- Painting the external surfaces
- 2- Metal surfaces
- 3- Wooden surfaces

Film thickness per coat

Dry film thickness 30-40µm

Wet film thickness 75-95µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate 14.5-11m²/l

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.



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Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

The moisture content in the substrate should not exceed 4 % (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.

1. Recommended data given is, for recoating with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The drying time is measured by stated values:

Relative Humidity (RH) 50 %

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	10 h	5 h	3 h
Hard dry	30 h	15 h	9 h
Dry to over coat, minimum	30 h	15 h	9 h

Storage

24 months in its original packaging, well-tight, away from direct sunlight and heat, and in a well-ventilated place.

