



STOEP ENAMEL

PRODUCT DESCRIPTION

A quality alkali resistant floor enamel.

PRODUCT FEATURES

Quickly dries to a hard abrasion resistant finish with good colour retention & excellent adhesion to a wide range of substrates.

TECHNICAL INFORMATION

Colour: A standard range of colours, others on request
Appearance: Sheen surface finish
Generic type: Modified alkyd
Viscosity: 78 Ku
Volume solids: ±40%
Spreading rate: 8 - 10m²/litre
D.F.T: 25 – 35 microns
Solvent: Mineral Turpentine
Mix ratio: Single pack ready for use
Packaging: 1 litre, 5 litre, 20 litre & 200 litre on request

SURFACE PREPARATION

All surfaces are to be clean, dry, free from loose paint, oil, grease & other contamination. Old enamel surfaces should be thoroughly degreased, abraded & dust free prior to application of Stoep Enamel. New or unpainted masonry floors are to be acid etched with 1 part O' Grady's Acid Etch & 1 part water. Do not allow the acid to stand on the surface for longer than 30 minutes. Thoroughly rinse the floor with fresh clean water. Ensure all is removed & allow to dry for at least 48 hours. Dilute the first coat 35% (350ml Mineral Turpentine/1litre Stoep Enamel). Apply an evenly distributed thin coat; avoid thick applications, as this does not penetrate into the surface & bond. Allow to dry for 24 hours at 25°C, and then apply 2 evenly distributed top coats. Observe over coating times.

APPLICATION

Stoep Enamel should be applied to correctly prepared surfaces, e.g.

Wood: Pink Wood Primer
Knott Sealer
Universal Undercoat
Stoep Enamel

Masonry: Stoep Enamel

Steel: Etch Primer/Red Oxide /ZCP Primer
Universal Undercoat
Stoep Enamel

Galvanised metal: Etch Primer
Universal Undercoat
Stoep 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: Use Turpentine or Lacquer Thinners for dilution & clean up

POT LIFE

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

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

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 Temp	Touch Dry	Hard Dry
25°C	2 hours	12 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 & temperatures.

STORAGE AND HANDLING

Store away from sunlight, open flames & severe cold.
Shelf life: 2 years in original sealed containers.
Flash point: 24°C

LIMITATIONS

Application in excess of 35 microns D.F.T. should be avoided to prevent wrinkling.

SAFETY PRECAUTIONS

Work with PVC gloves, safety glasses & ensure good ventilation. When spraying with Stoep Enamel, work in a well ventilated area & wear a solvent 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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