Trimite S16 (& SV16)

Epoxy Stoving Finish

Description

A high quality stoving finish, based on an epoxy resin, for a range of industrial applications.

Finish

Available in: Full Gloss (S16/9), Semi-gloss (S16/6), Eggshell (S16/3) and Matt (S16/1).

Features

- Provides good chemical and corrosion resistance in aggressive environments when used over a suitable priming system.
- Designed for use with Trimite SP16 Epoxy Stoving Primer.
- S16 is available in a range of colours; SV16 is the Clear Lacquer version.

Complies With

Please consult Trimite.

Product Code

-/S16/- (colours) & **-/SV16/-** (clear).

Volume Solids

Varies with gloss level and colour, please consult Trimite.

VOC's

Varies with gloss level and colour, please consult Trimite.

Colour Range

S16 - wide colour range available. SV16 – Clear Lacquer.

Film Thickness & Coverage

	Dry	Wet*	Approx. Coverage*
Typical:	25 µm	50 µm	7 - 8 m^2/l

* The above wet film thickness and approximate coverage rate (for conventional spray) will vary with colour, gloss level and the degree of thinning. Wet film thicknesses are approximate and are based on the typical degree of thinning recommended under 'Application Details'. For Electrostatic Spray application, approx. coverage is 9 - 10 m^2/l.

Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.

Drying & Overcoating Times
at Typical DFT

Flash Off: a flash-off period of approx. 10 min should be allowed before stoving.

Conventional Stoving: 30 min at 140°C.

Radiant Heat (Infra-Red): this product is suitable for radiant heat curing, but due to the many variables such as weight, configuration, reflectivity and distance from heat source, a suitable project schedule must be determined.

SV16 Clear Lacquer: a stoving schedule of 30 min at 120°C is recommended, to avoid discolouration which may occur at higher temperatures.

Stoving schedules will vary with the size and weight of the coated article, and the type of equipment used. The above information is given as a general guide.

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Surface Preparation	• All surfaces should be dry and cleaned as necessary to remove all contamination. • This is a finish coat, designed for application over Trimite SP16 Epoxy Stoving Primer – see separate Technical Data Sheet for SP16.
Mixing	Thoroughly stir the coating before use. A power mixer is highly recommended. A wide-bladed stirrer is essential for adequate mixing if only hand stirring. Stir occasionally during use to maintain an homogenous mix.
Mix Ratio	Not applicable – single pack product.
Application Conditions	Throughout the application and the drying/curing time of coatings: (a) good ventilation is required; (b) do not apply when damp weather conditions are likely; (c) the substrate temperature should be at least 3ºC above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. It is advisable not to apply the product when the ambient temperature falls below 5ºC. The paint temperature at the time of application should ideally be 15º - 20ºC.
Application Details	• Can be applied by conventional spray, electrostatic spray, airless spray or hot spray. • For conventional spray, Trimite AT98 Thinner may be added up to 25% by volume, to obtain a viscosity of 25 - 40 seconds using a BS B4 viscosity cup. • Electrostatic spraying: this product is normally suitable for application with various types of electrostatic spray equipment. Please consult Trimite for advice.
Thinner/Cleaner	Trimite AT98 Thinner (for thinning and cleaning).
SG	1.10 $\pm$ 0.15 kg/l.
Flash Point	23º – 60ºC.
Shelf Life	Minimum of 1 year from date of receipt when correctly stored in unopened containers.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15º - 20ºC.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
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