

TECHNICAL DATA SHEET

Trimite SV60

Stoving Varnish

Description A high quality stoving varnish, for use over pigmented and metallic stoving finishes to provide additional protection.

Finish Clear Lacquer (see Gloss Range below).

- Features**
- Suitable for most metal substrates.
 - Good mar resistance, flexibility and retention of clarity.
 - Specially designed for the finishing of computer housings, business machines, instrument panels and many other similar products.

Complies With Please consult Trimite.

Product Code -/SV60/- .

Volume Solids Please consult Trimite.

VOC's Please consult Trimite.

Colour Range Clear Gloss (20/SV60/9). Clear Matt (20/SV60/1) available to special order.

Film Thickness & Coverage	Typical:	<u>Dry</u>	<u>Wet*</u>	<u>Approx. Coverage*</u>
			15 µm	40 µm

* The above wet film thickness and approximate coverage rate (for conventional spray) will vary with colour 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**, approx. coverage is 19 – 20 m²/l.

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

Drying & Overcoating Times **Flash Off:** a flash-off period of approx. 10 min should be allowed before stoving.

at Typical DFT **Conventional Stoving:** 30 min at 120°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.

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	<ul style="list-style-type: none">All surfaces should be dry and cleaned as necessary to remove all contamination.This varnish is designed for application over a pigmented or metallic Trimite stoving finish. Please consult Trimite for advice.
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 3°C 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 5°C. The paint temperature at the time of application should ideally be 15° - 20°C.
Application Details	<ul style="list-style-type: none">Designed for application by conventional spray, electrostatic spray or hot spray – do not use airless spray.For conventional spray, Trimite ST60 Thinner may be added up to 20% by volume, to obtain a viscosity of 20 - 30 seconds using a BS B4 viscosity cup.Electrostatic Spraying: this product can be applied by most types of electrostatic equipment – please consult Trimite for advice before application.
Thinner/Cleaner	Trimite CT80 Thinner (for cleaning).
SG	1.10 ± 0.15 kg/l.
Flash Point	23° – 60°C.
Shelf Life	Min. 1 year from date of delivery 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 15° - 20°C.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Date of Issue	May 2024.

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