

**TECHNICAL DATA SHEET**

# Trimite SP16

## Epoxy Stoving Primer

<b>Description</b>	A high quality stoving primer, based on an epoxy resin, for a range of industrial applications.
<b>Finish</b>	Matt.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Provides good chemical and corrosion resistance in aggressive environments when used with a suitable topcoat.</li> <li>• Designed for use with Trimite S16 Epoxy Stoving Finish.</li> </ul>
<b>Complies With</b>	Please consult Trimite.
<b>Product Code</b>	-/SP16/- .
<b>Volume Solids</b>	40% ± 2%.
<b>VOC's</b>	460 g/l.
<b>Colour Range</b>	Light Grey (40/SP16).

<b>Film Thickness &amp; Coverage</b>	<b>Typical:</b>	<u>Dry</u> 25 µm	<u>Wet*</u> 50 µm	<u>Approx. Coverage*</u> 7 - 8 m <sup>2</sup> /l
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\* 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 8 - 9 m<sup>2</sup>/l.

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

<b>Drying &amp; Overcoating Times</b> at Typical DFT	<b>Flash Off:</b> a flash-off period of approx. 10 min should be allowed before stoving.
	<b>Conventional Stoving:</b> 30 min at 160°C.
	<b>Radiant Heat (Infra-Red):</b> 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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<b>Surface Preparation</b>	<ul style="list-style-type: none"><li>All surfaces should be dry and cleaned as necessary to remove all oil, grease, corrosion or other contamination.</li><li>Please consult Trimite for specific project preparation advice.</li></ul>
<b>Mixing</b>	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.
<b>Mix Ratio</b>	Not applicable – single pack product.
<b>Application Conditions</b>	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.
<b>Application Details</b>	<ul style="list-style-type: none"><li>Can be applied by conventional spray, electrostatic spray, airless spray or hot spray.</li><li>For conventional spray, Trimite T100 Thinner may be added up to 25% by volume, to obtain a viscosity of 30 - 40 seconds using a BS B4 viscosity cup.</li><li>Electrostatic spraying: this product is normally suitable for application with various types of electrostatic spray equipment. Please consult Trimite for advice.</li></ul>
<b>Thinner/Cleaner</b>	Trimite T100 Thinner (for thinning and cleaning).
<b>SG</b>	1.10 ± 0.15 kg/l.
<b>Flash Point</b>	23° – 60°C.
<b>Shelf Life</b>	Min. 1 year from date of delivery when correctly stored in unopened containers.
<b>Storage</b>	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.
<b>Health &amp; Safety</b>	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
<b>Date of Issue</b>	May 2024.

Information provided in this leaflet is given in good faith but without warranty or assumed liability, as the conditions of application and use are beyond our control. Data are accurate to the best of our knowledge at the time of issue but may be revised in the light of new knowledge and the user should check that data are current before use. The user must satisfy themselves about the product's suitability for their own purpose and refer to the Safety Data Sheet for this product before use. For industrial and professional use only unless specifically stated otherwise.