

**TECHNICAL DATA SHEET**

# Trimite GP1

## High Performance Universal Primer

<b>Description</b>	A fast drying alkyd anticorrosive primer for metals and other substrates.
<b>Finish</b>	Matt.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Suitable for a wide range of general industrial uses where a superior finish and extended durability are required.</li> <li>• Can be used over steel, primed aluminium, and many woods and composites.</li> <li>• Can be overcoated with a range of synthetic, stoving, cellulose, hammer and two pack finishes – please consult Trimite for detailed advice.</li> <li>• A higher build version of this primer is also available as Trimite GP2.</li> </ul>
<b>Complies With</b>	Please consult Trimite.
<b>Product Code</b>	-/GP1 .
<b>Volume Solids</b>	40% ± 2%.
<b>VOC's</b>	Below 515 g/l.
<b>Colour Range</b>	Light Grey (40/GP1), Red Oxide (80/GP1), White (90/GP1).

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

\* The above wet film thickness (for conventional spray) and approximate coverage rate 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'.

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

<b>Drying &amp; Overcoating Times at Typical DFT</b>		<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
	Surface Dry:	45 min	20 min	10 min
	Hard Dry:	6 h	3 h	1½ h
	Overcoat Min*:		see below	

**Force Drying:** can be force dried at up to 120°C.

\* The recommended synthetic or stoving finishing coat may be applied when the primer is Surface Dry.

Drying and overcoating times can be greatly affected by method and conditions of application such as thickness applied, temperature, ventilation etc. Data above are given as a guide.

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<b>Surface Preparation</b>	<ul style="list-style-type: none"><li>All surfaces to be coated should be dry and cleaned as necessary to remove all rust, mill scale, grease and other contamination. Where necessary, remove weld spatter and grind smooth all sharp metal edges and weld seams. Consult Trimite for specific project advice.</li><li>For galvanised or non-ferrous metals, pre-treat with a suitable etch primer.</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 a 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>Designed for application by conventional spray, airless spray, electrostatic, HVLP or hot spray.</li><li><u>Conventional spraying</u>: Thinner ST60 may be added up to 15% by volume, to obtain a viscosity of 30-50 seconds using a BS B4 viscosity cup.</li><li><u>Electrostatic spraying</u>: please consult Trimite for advice.</li><li><u>HVLP spraying</u>: thin up to 20% by volume with Thinner QT76 to obtain a viscosity of 30-40 seconds using a BS B4 viscosity cup.</li><li><u>Airless spraying</u>: thin up to 5% by volume with Thinner QT76.</li><li><u>Hot spraying</u>: application temperature 70°C, thin up to 5% with Thinner QT76 if required.</li></ul>
<b>Thinner/Cleaner</b>	Thinner ST60 or QT76 (for thinning) / Thinner CT80 (as cleaner).
<b>SG</b>	1.28 ± 0.15 kg/l.
<b>Flash Point</b>	21° – 32°C.
<b>Shelf Life</b>	Minimum of 1 year from date of receipt 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>	Jan 2022.

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 use only unless specifically stated otherwise.