

# TrimaPrime 80

## High Solids Primer/Finish

<b>Description</b>	A fast drying alkyd zinc phosphate primer/finish, for airless spray application to steelwork.
<b>Finish</b>	Matt.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Designed for in-shop application to blast cleaned structural steelwork.</li> <li>• High solids, low VOC's, to minimise solvent content.</li> <li>• High build properties with excellent edge covering.</li> <li>• Suitable for a wide range of general industrial uses where good anticorrosive performance on steel is required.</li> <li>• Generically suitable for use as a primer for many low-build intumescent coatings (subject to the intumescent manufacturer's approval).</li> </ul>
<b>Complies With</b>	Please consult Trimite.
<b>Product Code</b>	<b>80- .</b>
<b>Volume Solids</b>	62% ± 2%.
<b>VOC's</b>	Below 420 g/l.
<b>Colour Range</b>	Grey (approx. 00A09), Mid-Grey (approx. RAL 7000), Red Oxide (approx. RAL 3009).

<b>Film Thickness &amp; Coverage</b>		<b><u>Dry</u></b>	<b><u>Wet</u></b>	<b><u>Theo. Coverage</u></b>
	<b>Min. DFT:</b>	75 µm	121 µm	8.2 m <sup>2</sup> /l
	<b>Max. DFT:</b>	150 µm	242 µm	4.1 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 Min. DFT (75 µm)		<b><u>10°C</u></b>	<b><u>20°C</u></b>	<b><u>30°C</u></b>
	Surface Dry:	45 min	20 min	10 min
	Hard Dry:	4 h	3 h	1½ h
	Overcoat Min:	7 h	4 h	2 h
	Overcoat Max:	Indefinite	Indefinite	Indefinite

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.

**Product Notes** This primer is designed for use in typical building C1 and C2 environments. Like most alkyd primers for steelwork, it is not recommended for longer term exterior exposure, exposure in aggressive or coastal conditions, or immersion. Two pack epoxy primers should be considered for more aggressive conditions. Consult ISO 12944-2:2017 for more details.

**TECHNICAL DATA SHEET****TrimaPrime 80****High Solids Primer/Finish**

<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>• Abrasive blast clean to standard Sa2½ (ISO 8501-1:2007), with a surface profile of 50-75 microns.</li><li>• For areas where abrasive blast cleaning is not possible or not desirable, the surface should be prepared by hand or mechanical means to standard St2 (ISO 8501-1:2007), with care required to avoid 'polishing' the metal surface (producing too smooth a surface for subsequent paint adhesion). Coating lifetime will be significantly reduced if not blast cleaning.</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 airless spray. Thinning of the product will result in lower film build. Please consult Trimite for specific advice.</li></ul>
<b>Thinner/Cleaner</b>	Trimite 113 Thinner.
<b>SG</b>	1.58 ± 0.15 kg/l (may vary with colour).
<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>	Nov 2024.

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