

# Trimagard HS3

## High Solids Primer/Finish

<b>Description</b>	A fast drying alkyd anticorrosive primer/finish for steel and other metals.
<b>Finish</b>	Eggshell (15 - 25%) and Semi-gloss (45 – 55%).
<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>• Designed for use as an anticorrosive primer or primer/finish for steel containers, modular buildings, machinery and equipment, both for new build and maintenance.</li> <li>• Single pack, high solids formulation to minimise solvent use.</li> <li>• Excellent water soak resistance.</li> </ul>
<b>Complies With</b>	Please consult Trimite.
<b>Product Code</b>	HS3-.
<b>Volume Solids</b>	52% ± 2%.
<b>VOC's</b>	Below 420 g/l.
<b>Colour Range</b>	Shade range to order.

	<u>Dry</u>	<u>Wet</u>	<u>Theo. Coverage</u>
<b>Film Thickness &amp; Coverage</b>	<b>Min. DFT:</b> 75 µm	144 µm	6.9 m <sup>2</sup> /l
	<b>Max. DFT:</b> 175 µm	336 µm	2.9 m <sup>2</sup> /l

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

	<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
<b>Drying &amp; Overcoating Times</b>	Surface Dry: 2 h	1 h	30 min
	Hard Dry: 4 h	2 h	1 h
<b>at Min. DFT</b>	Overcoat Min: 8 h*	4 h*	2 h*
	Overcoat Max: Indefinite	Indefinite	Indefinite

\* This product is not normally overcoated. Minimum overcoating times are therefore given for guidance only - please consult Trimite for detailed advice before overcoating.

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.

**TECHNICAL DATA SHEET****Trimagard HS3****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 or air-assisted airless spray. Conventional spray is not recommended as thinning would be required and film build would not be achieved. Brush and roller application should be confined to small touch-up areas only. Please consult Trimite for specific advice.</li></ul>
<b>Thinner/Cleaner</b>	Firwood 113 Thinner or YAP 12073 Thinner.
<b>SG</b>	1.27 ± 0.15 kg/l.
<b>Flash Point</b>	23° – 60°C.
<b>Shelf Life</b>	Minimum of 2 years from date of manufacture 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>	Dec 2021.

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.