TrimaGard HS3

High Solids Primer/Finish

Description

A fast drying alkyd anticorrosive primer/finish for steel and other metals.

Finish

Eggshell (15 - 25%) and Semi-gloss (45 – 55%).

Features

- Suitable for a wide range of general industrial uses where a superior finish and extended durability are required.
- Designed for use as an anticorrosive primer or primer/finish for steel containers, modular buildings, machinery and equipment, both for new build and maintenance.
- Single pack, high solids formulation to minimise solvent use.
- Excellent water soak resistance.

Complies With

Please consult Trimite.

Product Code

HS3-.

Volume Solids

52% ± 2%.

VOC's

Below 420 g/l.

Colour Range

Shade range to order.

Film Thickness & Coverage

	Dry	Wet	Theo. Coverage
Min. DFT:	75 µm	144 µm	6.9 m^2/l
Max. DFT:	175 µm	336 µm	2.9 m^2/l

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

Drying & Overcoating Times
at Min. DFT

	10ºC	20ºC	30ºC
Surface Dry:	2 h	1 h	30 min
Hard Dry:	4 h	2 h	1 h
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.

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Surface Preparation	• 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. • Abrasive blast clean to standard Sa2½ (ISO 8501-1:2007), with a surface profile of 50-75 microns. • 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.
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 a 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 3ºC 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 5ºC. The paint temperature at the time of application should ideally be 15º - 20ºC.
Application Details	• 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.
Thinner/Cleaner	Firwood 113 Thinner or YAP 12073 Thinner.
SG	1.27 ± 0.15 kg/l.
Flash Point	23º – 60ºC.
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 15º - 20ºC.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
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