

TECHNICAL DATA SHEET

Trimite UE604

Fast Drying Synthetic Finish

Description	An alkyd based, fast drying synthetic finish or primer/finish, for steelwork and other substrates.
Finish	Gloss.
Features	<ul style="list-style-type: none"> • A high quality industrial finish, available in a wide shade range. • Can be used as a one coat finish, or applied over a primer. • Very fast drying for spray application with excellent recoatability. • Good adhesion, gloss retention and exterior durability. • When thoroughly dry, possesses good splash resistance to petrol, paraffin and mineral oil spillages.
Complies With	Please consult Trimite.
Product Code	-/UE604/- .
Volume Solids	45% ± 2%.
VOC's	Below 600 g/l.
Colour Range	Wide colour range available.

Film Thickness & Coverage	Typical:	<u>Dry</u> 25 µm	<u>Wet*</u> 50 µm	<u>Approx. Coverage*</u> 9 - 11 m ² /l
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* The above wet film thickness and approximate coverage rate (for conventional spray) 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'. For Electrostatic spray – approx. coverage 11 – 13 m²/l.

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

Drying & Overcoating Times at Typical DFT		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	30 min	15 min	10 min
	Hard Dry:	4 h	2 h	1 h
	Overcoat Min*:	24 h	16 h	8 h
	Overcoat Max*:	Indefinite	Indefinite	Indefinite

Force Drying: can be force dried at up to 60°C.

* not normally overcoated. Overcoating times are given for guidance only, please consult Trimite for detailed advice.

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	<ul style="list-style-type: none">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.This product can be applied as a one coat finish direct to metal surfaces. For optimum anticorrosive performance, we recommend application over a suitable primer, such as: <u>Mild Steel:</u> TrimaPrime 70 Universal Primer. <u>Aluminium:</u> Trimite SAP2 Two Pack Self Etching Primer. Please consult Trimite for specific project advice.
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 an 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 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.
Application Details	<ul style="list-style-type: none">Designed for use by conventional spray, electrostatic spray, airless spray or hot spray.For conventional spraying, Trimite 113 Thinner may be added up to 15% by volume, to obtain a viscosity of 30-50 seconds using a BS B4 viscosity cup.As with all synthetic finishes of this type, prolonged contact with water is not recommended and will lead to blanching.
Thinner/Cleaner	Trimite 113 Thinner (for thinning) / Thinner PT1002 (for cleaning).
SG	1.10 ± 0.15 kg/l.
Flash Point	23° – 60°C.
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 15° - 20°C.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Date of Issue	Aug 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 or professional use only unless specifically stated otherwise.