

TECHNICAL DATA SHEET

Trimite UE603

Polyurethane Gloss Finish

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| Description | A high quality, polyurethane-based gloss finish, for steelwork and other substrates. |
| Finish | Gloss. |
| Features | <ul style="list-style-type: none"> • Superb gloss and excellent durability. • Designed for use in the ACE market, on industrial machinery and on a range of metal substrates. • When thoroughly dry, possesses good splash resistance to petrol, diesel and mineral oil spillages. • When exterior exposed for long periods, some loss of gloss may occur but the film integrity will be retained. |
| Complies With | Please consult Trimite. |
| Product Code | -/UE603/- . |
| Volume Solids | Varies with colour, please consult Trimite. |
| VOC's | Varies with colour, please consult Trimite. |
| Colour Range | Wide colour range available. |

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| Film Thickness & Coverage | Typical: | Dry 25 µm | Wet* 50 µm | Approx. Coverage* 10 - 13 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 Brush application, approx. coverage is 15 – 17 m²/l.

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

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| Drying & Overcoating Times at Typical DFT | | 10°C | 20°C | 30°C |
| | Surface Dry: | 3 h | 1½ h | 45 min |
| | Hard Dry: | 8 h | 4 h | 2 h |
| | Overcoat Min*: | 48 h | 24 h | 12 h |
| | Overcoat Max*: | Indefinite | Indefinite | Indefinite |

Force Drying: can be force dried at up to 100°C, following a flash-off period of at least 10 min.

* 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.• For optimum performance, this product should be applied over a suitable 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, brush or hot spray.• For conventional spraying, up to 10% of Thinner 114 (or M6035) may be added if required.• For brushing, the product is supplied ready for use, but a small amount of Thinner 114 (or M6035) may be added if required.• Please consult Trimite for specific application advice. |
| Thinner/Cleaner | Thinner 114 (or M6035) (for thinning and cleaning). |
| SG | 1.00 ± 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. |

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