

TECHNICAL DATA SHEET

TrimaPrime Monocoat QD Primer

Water Based Primer

Description	A specially formulated low VOC water borne primer designed for use on metal substrates, including aluminium, cast iron and mild steel.		
Finish	Matt (IL4072) and Semi-Gloss (IL4094).		
Features	- Designed for use with TrimaLac Monocoat QD Finishes. - Durable, high quality primer for metal components. - Low VOC formulation with flexible curing options. - Can be air dried or cured using low temperature stoving.		
Complies With	2004/42/EC (2012) sub-category A(i) - VOC level below 140 g/l.		
Product Code	See Colour Range.		
Volume Solids	33% $\pm$ 2%.		
VOC's	25 $\pm$ 5 g/l.		
Colour Range	Light Grey IL4072 (approx. BS676) Dawn Grey IL4094 (approx. RAL7037). Other shades to order.		
Film Thickness & Coverage	Range: Theoretical Coverage assumes 100% transfer efficiency. Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.	Dry 40 - 60 μ m	Wet 121 - 182 μ m Theo. Coverage 8.2 – 5.5 m ² /l
Drying & Overcoating Times at Range DFT	Air dry: Overcoating: Flash off: Curing schedule:	Touch-dry - 30 min. Hard dry – 8 hr. 60 min. minimum @ 20°C 10-15 min @ 20°C (68°F) object temperature 30-45 min @ 60°C (140°F) object temperature	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

TrimaPrime Monocoat QD Primer

Water Based Primer

Surface Preparation	- All surfaces to be coated should be dry and cleaned as necessary. - Trimite T Cleaner 8 (MP0207) is recommended for the removal of all oils and grease prior to coating.
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 3°C above the Dew Point. d) the RH (Relative Humidity) should be below 70%. 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	Designed for use by hand or automatic air-assisted spray. Conventional spray Fluid pressure 1.5 - 3.0 bar (22 - 44 psi) Atomising air pressure 2.0 – 4.0 bar (29 – 58 psi) Nozzle size: 1.2 to 1.8 mm. Air-assisted airless spray Fluid pressure 40 - 100 bar (580 - 1450 psi) Atomising air pressure 0.7 – 2.0 bar (10 – 29 psi). Tip size: 0.009" to 0.015" Recommended application viscosity – typically between 5 - 6 poise @20°C. Adjust pressures and tip sizes as necessary to achieve optimum atomisation, transfer efficiency and finish quality. Excessive pressure may result in overspray and material waste, while insufficient pressure can cause poor atomisation and an uneven finish. Always perform a test spray before full-scale application.
Thinner/Cleaner	Clean, cold fresh water.
SG	1.13 ± 0.05 kg/l – varies with shade.
Flash Point	Above 65°C.
Shelf Life	12 months from date of manufacture (see Expiry Date on label) 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	Sep 2026.

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.