

Trimite Monocoat

Water Based Gloss

Description	A water borne gloss coating for metal items.
Finish	Gloss (95 ± 5 @60°).
Features	<ul style="list-style-type: none"> • Specially designed for metal substrates in the engine manufacturing industry. • Use on aluminium, cast aluminium, aluminised steel, steel and cast iron substrates.
Complies With	Please consult Trimite.
Product Code	IL- (varies with colour).
Volume Solids	25% ± 2% (varies with colour).
VOC's	160 g/l.
Colour Range	Selected range to customer's requirements.

Film Thickness & Coverage	Typical:	Dry 35 µm	Wet 140 µm	Theo. Coverage 7.1 m ² /l
	Theoretical Coverage assumes 100% transfer efficiency. Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.			

Drying & Overcoating Times at Typical DFT		10°C	20°C	30°C
	Surface Dry:	2 hr	1 hr	30 min
	Hard Dry:	8 h	4 hr	2 hr
	Overcoat Min:	16 hr	8 hr	4 hr

Force drying:

Flash off: 30 min @ 25°C (77°F) (object temperature)
 Curing schedule: 30 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**Trimite Monocoat****Water Based Gloss**

Surface Preparation	<ul style="list-style-type: none">• All surfaces to be coated should be dry and cleaned as necessary.• A range of surface pretreatment products and primers is available from Trimite, please consult Trimite for 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 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	<ul style="list-style-type: none">• Designed for use by hand or automatic air-assisted spray.• Recommended application viscosity – please consult Trimite.
Thinner/Cleaner	Clean, cold fresh water.
SG	1.13 ± 0.03 kg/l (wet); 1.59 ± 0.04 kg/l (dry); (varies with colour)
Flash Point	Above 55°C.
Shelf Life	4 months from date of despatch 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	Mar 2023.

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.