

TECHNICAL DATA SHEET

Trimite IL4071

Water Based Monocoat QD

Description	A specially formulated low VOC water borne gloss coating for metal items.			
Finish	Gloss (95 ± 5 @60°).			
Features	<ul style="list-style-type: none"> • Designed to reduce VOC levels for coating metal substrates in the engine manufacturing industry. • Use on aluminium, cast aluminium, aluminised steel, steel and cast iron substrates. • Reduced VOC version of Trimite IL3434. 			
Complies With	Please consult Trimite.			
Product Code	IL4071- .			
Volume Solids	35% ± 2%.			
VOC's	9 ± 2 g/l.			
Colour Range	CAT Yellow.			
Film Thickness & Coverage	Typical:	<u>Dry</u> 35 µm	<u>Wet</u> 100 µm	<u>Theo. Coverage</u> 10.0 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	Flash off:	30 min @ 25°C (77°F) (object temperature)		
	Curing schedule:	60 min @ 25°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.			

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Surface Preparation	<ul style="list-style-type: none">• All surfaces to be coated should be dry and cleaned as necessary.• A full 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	1.09 ± 0.03 kg/l (wet); 1.59 ± 0.04 kg/l (dry);
Flash Point	Above 65°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	April 2022.

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.