

TECHNICAL DATA SHEET

Firwood 2570

Water Borne Dipping Gloss

Description	A water borne acrylic gloss for metal items.
Finish	Gloss.
Features	<ul style="list-style-type: none"> • Rapid drying, low odour, low VOC's. • Good flow properties. • Can be sprayed as supplied or thinned for dipping. • Can be applied directly to steel items. For non-ferrous metals, a suitable primer is required.
Complies With	Please consult Trimite.
Product Code	2570- .
Volume Solids	36% ± 2% (may vary with colour).
VOC's	Below 100 g/l.
Colour Range	Limited shade range.

Film Thickness & Coverage		<u>Dry</u>	<u>Wet</u>	<u>Theo. Coverage</u>
	Rec. Min:	10 µm	28 µm	36.0 m ² /l
	Rec. Max:	25 µm	69 µm	14.4 m ² /l

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

Drying & Overcoating Times at Rec. Min DFT		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	30 min	15 min	10 min
	Hard Dry:	3 h	1 h	40 min
	Overcoat Min:	usually applied in one coat		
	Overcoat Max:	n/a		

Can be force dried @75°C for 20 mins.

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.Apply over a suitable primer for non-ferrous metals. 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 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">May be applied by conventional spray as supplied, or thinned for dipping. Suggested thinning for dip application is approx. 3 parts paint to 1 part clean water, and adjust as required for specific process. Please consult Trimite for advice if required.Do not apply at ambient temperatures of below 10°C.
Thinner/Cleaner	Clean, cold fresh water.
SG	1.02 ± 0.15 kg/l.
Flash Point	Above 100°C.
Shelf Life	Minimum of 2 years from date of manufacture 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	Nov 2021.

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.