

Firwood 700, 701 & 703

Fast Dry Alkyd Finishes

Description	A range of fast drying alkyd finishes for steelwork and other substrates.
Finish	700 – Gloss; 701 – Semi-gloss; 703 – Matt.
Features	<ul style="list-style-type: none"> • A general purpose industrial alkyd finish available in a wide shade range. • Suitable for use on metal containers, castings, agricultural and industrial implements, components and machinery, and many other industrial applications. • When thoroughly dry, possesses good splash resistance to petrol and oil (but not suitable for permanent immersion). • Has moderate heat resistance and can be force dried. • Can be used as a single coat finish or as a finish coat over an anticorrosive priming system. (When using by aerosol, a primer is required).
Complies With	Please consult Trimite.
Product Code	Gloss: 700- Semi-gloss: 701- Matt: 703- .
Volume Solids	33% ± 2%.
VOC's	Below 525 g/l.
Colour Range	Wide colour range available.

Film Thickness & Coverage		<u>Dry</u>	<u>Wet</u>	<u>Theo. Coverage</u>
	Rec. Min:	15 µm	45 µm	22 m ² /l
Rec. Max:	30 µm	91 µm	11 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:	1 h	20 min	10 min
	Hard Dry:	8 h	4 h	2 h
	Overcoat Min:	12 h	8 h	6 h
	Overcoat Max:	Indefinite	Indefinite	Indefinite

Force Drying: can be force dried at 65°C for 15 min.

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**Firwood 700, 701 and 703****Fast Dry Alkyd Finishes**

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.• Application over a suitable primer is recommended for optimum performance, such as Firwood 70 (for steel) or Trimite HP20 Etch Primer (for non-ferrous metals). Please consult Trimite for specific project advice if required.• A primer is required when using by aerosol.
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, airless spray, hot spray or brush. For electrostatic spray, some adjustment may be required. Please consult Trimite for specific application advice.
Thinner/Cleaner	Firwood 113 Thinner.
SG	1.20 ± 0.15 kg/l.
Flash Point	23° – 60°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	Sep 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.