

## TECHNICAL DATA SHEET

# Firwood 139

## Eggshell Finish Black

<b>Description</b>	A fast drying alkyd eggshell finish for steelwork and other substrates.
<b>Finish</b>	Eggshell.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Can be used on metal, wood and other substrates.</li> <li>• Will withstand temperatures on metalwork of up to 250°C, with occasional surges to 300°C.</li> <li>• Designed as an air-drying substitute for conventional stoving finishes.</li> </ul>
<b>Complies With</b>	Please consult Trimite.
<b>Product Code</b>	139- .
<b>Volume Solids</b>	30% ± 2%.
<b>VOC's</b>	Below 600 g/l.
<b>Colour Range</b>	Black only.

	<u>Dry</u>	<u>Wet</u>	<u>Theo. Coverage</u>
<b>Film Thickness &amp; Coverage</b>	<b>Rec. Min:</b> 20 µm	67 µm	15 m <sup>2</sup> /l
	<b>Rec. Max:</b> 30 µm	100 µm	10 m <sup>2</sup> /l

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

	<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
<b>Drying &amp; Overcoating Times</b>	Surface Dry: 30 min	10 min	5 min
	Hard Dry: 1 h	30 min	15 min
<b>at Rec. Min DFT</b>	Overcoat Min: 1 h	30 min	15 min
	Overcoat Max: Indefinite	Indefinite	Indefinite

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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<b>Surface Preparation</b>	<ul style="list-style-type: none"><li>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.</li><li>Apply over a suitable primer. Please consult Trimite for advice.</li></ul>
<b>Mixing</b>	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.
<b>Mix Ratio</b>	Not applicable – single pack product.
<b>Application Conditions</b>	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.
<b>Application Details</b>	<ul style="list-style-type: none"><li>May be applied by brush, conventional spray, airless spray, hot spray or dipping. Please consult Trimite for specific application advice.</li></ul>
<b>Thinner/Cleaner</b>	Firwood 113 Thinner.
<b>SG</b>	1.11 ± 0.15 kg/l.
<b>Flash Point</b>	23° – 60°C.
<b>Shelf Life</b>	Minimum of 2 years from date of manufacture when correctly stored in unopened containers.
<b>Storage</b>	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.
<b>Health &amp; Safety</b>	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
<b>Date of Issue</b>	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.