

## TECHNICAL DATA SHEET

# Firwood 57

## Black Bituminous Paint

<b>Description</b>	A general purpose bituminous paint, for waterproofing and weather protection.			
<b>Finish</b>	Slight sheen at initial application.			
<b>Features</b>	<ul style="list-style-type: none"> <li>• Dries to form an odourless bitumen film.</li> <li>• Suitable for application to a wide variety of substrates including concrete, stone, brick, wood, and metals including steel, iron, lead, zinc and aluminium.</li> <li>• Mainly used for the protection of items such as metal fire escapes, ladders, gutters and downpipes, fences, railings, gates and non-potable water tanks.</li> <li>• Resistant to low concentrations of acids and alkalis, and can withstand prolonged oxidation.</li> </ul>			
<b>Complies With</b>	2004/42/EC (2012) sub-category A(i) - VOC level below 500 g/l.			
<b>Product Code</b>	<b>57-8000-D.</b>			
<b>Volume Solids</b>	50% ± 2%.			
<b>VOC's</b>	Below 499 g/l.			
<b>Colour Range</b>	Black.			
<b>Film Thickness &amp; Coverage</b>	<b>Typical:</b>	<b><u>Dry</u></b> 25 µm	<b><u>Wet</u></b> 50 µm	<b><u>Theo. Coverage</u></b> 20.0 m <sup>2</sup> /l
	Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.			
<b>Drying &amp; Overcoating Times</b>		<b><u>10°C</u></b>	<b><u>20°C</u></b>	<b><u>30°C</u></b>
at Typical DFT	Surface Dry:	4 h	2 h	1 h
	Hard Dry:	12 h	5 h	3 h
	Overcoat Min*:	48 h	24 h	12 h

\* **Overcoating:** it is recommended to overcoat with itself only. Bitumen coatings will 'bleed' through conventional topcoats unless specially sealed.

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 57****Black Bituminous Paint**

<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 loose material, algae, rust, metal salts, grease and other contamination. Where necessary, on steel remove weld spatter and grind smooth all sharp metal edges and weld seams. Consult Trimite for specific project advice.</li><li>• For best performance on steel, ideally prepare by hand tools to standard St2 (ISO 8501-1:2007) or by sweep-blast cleaning to standard Sa1 or Sa2 (ISO 8501-1:2007).</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 a 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>• Designed for application by airless spray, conventional spray, hot spray or brush. Please consult Trimite for specific advice.</li><li>• Apply a sufficient number of coats to provide the degree of performance required.</li></ul>
<b>Thinner/Cleaner</b>	Firwood 114 Thinner (as Thinner and Cleaner).
<b>SG</b>	0.90 ± 0.15 kg/l.
<b>Flash Point</b>	23° – 60°C.
<b>Shelf Life</b>	1 year from date of delivery 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>	Oct 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.