

## TECHNICAL DATA SHEET

# Firwood 781

## Chlorinated Rubber High Build

<b>Description</b>	A high build, chlorinated rubber intermediate or finish coat for steel and other metals.
<b>Finish</b>	Semi-gloss.
<b>Features</b>	<ul style="list-style-type: none"> <li>Designed for use as an intermediate or finish coat for steelwork where a chlorinated rubber paint system is required – for example, in chemical atmospheres.</li> <li>Designed for use with other Firwood chlorinated rubber coatings.</li> </ul>
<b>Complies With</b>	2004/42/EC (2012) sub-category A(i) - VOC level below 500 g/l.
<b>Product Code</b>	781- .
<b>Volume Solids</b>	45% ± 2%.
<b>VOC's</b>	Below 499 g/l.
<b>Colour Range</b>	Wide shade range available.

<b>Film Thickness &amp; Coverage</b>		<u>Dry</u>	<u>Wet</u>	<u>Theo. Coverage</u>
	<b>Rec. Min:</b>	50 µm	111 µm	9.0 m <sup>2</sup> /l
<b>Rec. Max:</b>		100 µm	222 µm	4.5 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> at Rec. Min DFT		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	2 h	1 h	30 min
	Hard Dry:	8 h	4 h	2 h
	Overcoat Min:	36 h	24 h	16 h
	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 contamination.</li><li>Apply over a suitable primer, such as <b>Firwood 191</b> Chlorinated Rubber ZP Primer.</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>Designed for application by airless spray to achieve the high build required. Thinning would be required for conventional spray and film build would not be achieved.</li><li>Brush is suitable for small touch-up areas only and the high film build will not be achieved. Avoid 'pick-up' of previous chlorinated rubber coats if brushing. Please consult Trimite for specific advice if required.</li></ul>
<b>Thinner/Cleaner</b>	Firwood 113 Thinner.
<b>SG</b>	1.44 ± 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.

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