

TECHNICAL DATA SHEET

Firwood 191

Chlorinated Rubber ZP Primer

Description	A high build, chlorinated rubber anticorrosive primer for steel and other metals.
Finish	Low sheen.
Features	<ul style="list-style-type: none"> • Designed for use as an anticorrosive primer for steelwork where a chlorinated rubber paint system is required – for example, in chemical atmospheres. • Designed for overcoating by Firwood chlorinated rubber topcoats only. • Contains zinc phosphate (ZP) anticorrosive pigment for increased protection.
Complies With	2004/42/EC (2012) sub-category A(i) - VOC level below 500 g/l.
Product Code	191- .
Volume Solids	40% ± 2%.
VOC's	Below 490 g/l.
Colour Range	Steel White only.

Film Thickness & Coverage	Typical:	<u>Dry</u> 50 - 75 µm	<u>Wet</u> 125 - 188 µm	<u>Theo. Coverage</u> 8.0 – 5.3 m ² /l
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Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.

Drying & Overcoating Times at Typical DFT		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	30 min	15 min	10 min
	Hard Dry:	2 h	1 h	30 min
	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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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. Consult Trimite for specific project advice if required.• Abrasive blast clean to standard Sa2½ (ISO 8501-1:2007), with a surface profile of 50-75 microns.• For areas where abrasive blast cleaning is not possible or not desirable, the surface should be prepared by hand or mechanical means to standard St2 (ISO 8501-1:2007), with care required to avoid 'polishing' the metal surface (producing too smooth a surface for subsequent paint adhesion). Performance will be reduced with this level of surface preparation and blast cleaning is recommended.• For galvanised or non-ferrous metals, pre-treat with a suitable etch primer.
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">• Designed for application by airless spray, conventional spray or brush.• Chlorinated rubber coatings can be subject to 'cobwebbing' when conventional spraying. Please consult Trimite for specific advice.
Thinner/Cleaner	Firwood 113 Thinner.
SG	1.46 ± 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.