

# Firwood 740 & 741

## Two Pack Non-iso Acrylic Finish

<b>Description</b>	A two pack acrylic finish for steelwork, designed as an isocyanate-free (non-iso) alternative to two pack polyurethane finishes.
<b>Finish</b>	Gloss (740) - Semi-gloss (741).
<b>Features</b>	<ul style="list-style-type: none"> <li>• For use on agricultural and construction equipment, commercial vehicles and plant &amp; machinery, in place of two pack polyurethane finishes.</li> <li>• Durable, high gloss, flexible finish with good flow properties.</li> <li>• Fast drying.</li> <li>• Spray applied.</li> </ul>
<b>Complies With</b>	Please consult Trimite.
<b>Product Code</b>	<b>740-</b> (Gloss); <b>741-</b> (Semi-gloss).
<b>Volume Solids</b>	43% ± 5% (varies with colour and gloss level).
<b>VOC's</b>	Below 565 g/l.
<b>Colour Range</b>	Wide colour range available.

<b>Film Thickness &amp; Coverage</b>		<b><u>Dry</u></b>	<b><u>Wet</u></b>	<b><u>Theo. Coverage</u></b>
	<b>Rec. Min:</b>	20 µm	47 µm	21.5 m <sup>2</sup> /l
<b>Rec. Max:</b>	35 µm	81 µm	12.2 m <sup>2</sup> /l	

Above wet film thicknesses and theoretical coverage rates are approximate – they will vary with colour and gloss level.

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

<b>Drying &amp; Overcoating Times</b> at Typical DFT		<b><u>10°C</u></b>	<b><u>20°C</u></b>	<b><u>30°C</u></b>
	Surface Dry:	45 min	15 min	10 min
	Hard Dry:	4 h	2 h	1 h
	Overcoat Min*:	4 h	2 h	1 h
	Overcoat Max*:	10 days	7 days	3 days

**Force Drying:**

Can be force dried at 120°C for 10 min.

\* - not normally overcoated. Overcoating times are given for guidance only, please consult Trimite for detailed advice.

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 740 & 741**  
**Two Pack Non-iso Acrylic Finish**

<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. Please consult Trimite for advice.</li></ul>
<b>Mixing</b>	Mix each component separately, and then thoroughly mix together in the mix ratio stated, using a power mixer. Stir occasionally during use to maintain an homogenous mix.
<b>Pot Life at 20°C</b>	12 hours (do not use after this time, even though material may still look fluid).
<b>Mix Ratio</b>	Base                    4.5 volumes (approx. – use in units as supplied) Activator            1 volume.
<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%. Do not apply the product when the ambient temperature falls below 10°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 or conventional spray.</li><li>Consult Trimite for specific project application advice.</li></ul>
<b>Thinner/Cleaner</b>	Firwood 113 Thinner.
<b>SG</b>	1.11 ± 0.15 kg/l mixed (varies with colour and gloss level).
<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>	Jan 2022.

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.