

## PLASCOSAFE WB FURNITURE COATING CLEAR SERIES

PRODUCT CODE: FFW CLEAR SERIES

### TECHNICAL DATA SHEET

<b>Product Description</b>	A range of clear, formaldehyde free, water-based furniture coatings with a range of gloss levels.			
<b>Intended Uses</b>	These water-based furniture coatings are formulated for use on all interior wood.			
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• Environmentally safe water-based products</li> <li>• Non-hazardous (in accordance with Transportation &amp; Hazardous Goods Act)</li> <li>• Fast drying</li> <li>• Good mar resistance.</li> <li>• No odour</li> <li>• Good build &amp; sanding characteristics.</li> </ul>			
<b>Product Information</b>	Appearance	<u>Code</u>	<u>Gloss</u>	<u>VOC g/L</u>
		(FFW 2010) 10 Ultra Matt	8-12 Gloss 60 ° Head	62
		(FFW 2001) 20 Matt	18-23 Gloss 60 ° Head	61
		(FFW 2002) 30 Velvet	28-33 Gloss 60 ° Head	62
		(FFW 2003) 40 Satin	38-43 Gloss 60 ° Head	62
		(FFW 2006) Gloss	80 Gloss 60 ° Head	61
		(FFW 2013) Satin Tint Base		
	Viscosity	22 -25" Ford Cup No. 4 at 23 °C. 70-80 KU (FFW 2013 only)		
	SG	1.04 -1.07		
	Spread Rate	Apply at a rate of 100 - 120 g/m <sup>2</sup> per coat.		
	VOC	65 g/L		
	Flash Point	Non-Flammable		
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous.		
	Method	Conventional spray, air assisted airless or a pressure pot system.		
		The recommended air pressures are as follows: -		
		Air Assisted Airless: Pump pressure 1.5 - 2 bar		
		Atomising air pressure 1 - 1.5 bar		
		Pressure Pot: Pressure pot pressure 1 - 1.5 bar		
		Atomising air pressure 1.5 bar		
		Preferably use spray equipment with stainless steel or aluminium fluid components. Nozzle sizes: 1.4 – 1.8 mm.		
	Thinning	Water		
	Cleaning	Water		
	Drying Time	<u>At 23 °C &amp; 65 % Relative Humidity</u> Dust free: 35 min @ 23 °C Handle: 40 min @ 23 °C Sand: 40 - 45 min Stack / Rack: Overnight Wrap: 24 h <u>Accelerated Drying: Time &amp; Temp</u> Flash off: 15 min 25-30 °C Oven: 20 min 35-55 °C Cool: 15 min 25-28 °C Sand: Once cooled Stack/Rack: Once cooled Ensure good air circulation in oven		
	Application Environment	Surface	Ambient	Relative
		Temperature	Temperature	Humidity
		Min: 10 °C	Min: 10 °C	Min: 10 %
		Or 3 °C min above dew point		
		Max: 40 °C	Max: 40 °C	Max: 85 %

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<b>Storage and Packaging</b>	Store away from direct sun, heat and severe cold. Protect products from temperatures below 10°C 20 L and 5 L Plastic containers
<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>• Surface must be dry, clean and free of contaminants.</li> <li>• Sand to a smooth surface, free of loose fibres.</li> <li>• Sand substrate with 150 – 180 grit paper to a smooth finish</li> <li>• Remove all dust prior to the application of the Sanding Sealer (<b>SSW 15</b>) or first coat.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• If application equipment was used previously for solvent based products, ensure all equipment is washed thoroughly, first with lacquer thinners and then water before use.</li> <li>• Allow the coating to dry as specified.</li> <li>• Sand with 280 or 320 grit finishing paper.</li> <li>• Remove all sanding dust prior to further application.</li> <li>• Recommended Base/topcoat: Multi- coat system - same product can be used as the basecoat as well as the topcoat.</li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>• Always keep paint out of reach of children.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.</li> <li>• Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.</li> <li>• Harmful if swallowed. Seek medical attention and do not induce vomiting.</li> <li>• Do not smoke while painting.</li> <li>• Refer to Safety Data Sheet for complete information.</li> </ul>

### **DISCLAIMER:**

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

**NB:** Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

**NB: TO ORDER:** Quote product name, product code number, packaging and colour.

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