



# WOODMATE 1070

Protective coating Hybrid

Semi-Transparent

Semi-Gloss

## TECHNICAL DATA SHEET

### DESCRIPTION

**Woodmate 1070** is a hybrid semi-transparent protective coating, water and natural oil-based for outdoor use. It is designed to emphasize the authentic character of wood surfaces. Its semi-gloss finish combined with a hydrophobic wax will protect the wood from deterioration caused by water. Its exclusive formulation based on hybrid polymers will provide exceptional durability.

USE	LIMITATIONS
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<p>This stain is applicable on exterior surfaces. Our <b>Woodmate 1070</b> protective coating must be applied to vertical surfaces that have been well prepared such as siding and wood fencing. It is developed for all types of wood with a maximum moisture content of 20%.</p>	<p>Do not apply non-tinted Woodmate directly on wood, a <b>minimum of 1 oz of colourants / 3.71L</b></p> <p>Avoid application in all temperatures under 10°C</p> <p>Do not apply under direct sunlight</p> <p>Do not apply on roasted wood</p> <p>Do not mix with other stains</p> <p>Does not adhere to waterproof stains</p> <p>Do not apply on unprepared surfaces</p> <p>Do not apply on horizontal surfaces.</p>
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CHARACTERISTICS	TECHNICAL INFORMATION
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- **Woodmate 1070** is equipped with a fungicide that will delay the growth of mould.
- It contains self-cross-linking acrylic making the paint film resistant to cleaning products.
- **Woodmate 1070** is composed of an oil emulsion allowing it to better penetrate the wood.
- The urethane / acrylic resin contained in the formula provides a good resistance against weathering.
- Bases 6 (red) & 7 (yellow) contain nanotechnology translucent pigments. These pigments added to the UV filters found in the Woodmate Protective Coating, ensure an increased protection against sun rays.

DRYING TIME	Recoat:	To touch:
	4 hours	1 hours
At 20-25° Celsius		
Relative humidity at 50%		
May differ depending on the colour and the essence of the wood.		
<b>SURFACE COVERAGE (for 3.78 L)</b>	28 - 46 m <sup>2</sup> (300 - 500 ft <sup>2</sup> )	
<b>Recommended film</b>	Wet : 3.2 - 5.3 mils Dry : 0.99 - 1.65 mils	
<b>Cleaning</b>	Lukewarm soapy water	
<b>Resin</b>	Hybrid	
<b>Thinner</b>	Water	
<b>Inflammability</b>	N/A	
<b>Flash point</b>	N/A	
<b>% of solids by weight</b>	33%	
<b>% of solids by volume</b>	31%	
<b>VOC</b>	<150 g/L	
<b>GLOSS Semi-Gloss</b>	60°	30 - 40%
	85°	65 - 75%
The value is measured based on the white. The value may vary according to the chosen		

TINTING BASES		FORMAT			
		946 ml	3,78 L	18,9 L	
1070-0	White	X	X		max. of 3 oz of colorant / 3,78 L
1070-6	Red Base	X	X		max. of 3 oz of colorant / 3,78 L
1070-7	Yellow Base	X	X		max. of 3 oz of colorant / 3,78 L

STANDARDS	
<b>MPI</b>	Certified category #33

SURFACE PREPARATION	APPLICATION
<p>Proper surface preparation is the key to success for all exterior stain projects. Clean the surface to be stained with a degreaser (T.S.P.) , one litre of bleach and three litres of water. Moisten the surface and apply the mixture to the wood. Let stand for 10 to 20 minutes, scrub with a brush then rinse using a pressure washer set to 500-600 lbs. Repeat as needed until you have a healthy, solid surface free of dead / greying wood fibre. Allow the wood to dry for 48 hours. The surface must be dry and clean, without dust, oil, grease, rust and soap. The surface must be sanded with a #100 grit sandpaper to smoothen the surface.</p> <p><b>Mold and new surface:</b> On new or treated wood that has been exposed to weathering, it is strongly recommended to neutralize any growth of mold to avoid peeling. Use a mixture of 3 parts of water and one part of bleach, let stand for 20 minutes, then rinse. Allow the wood to dry at least 48 hours before staining. Once the surface is dry, mechanically sand the entire horizontal surface with a # 100 grit sandpaper to open the wood fibres and improve adhesion. If it is necessary to clean with a pressure washer, it must be done before sanding.</p>	<p>Apply at temperatures between 10°C and 30°C. Do not apply when surface is exposed to direct sunlight. The wood must not surpass a 20% humidity level. Wait 8 hours after a mild rainfall and 24 hours after a heavy rainfall. Use a nylon / polyester brush. Generously apply the coating using a back-and-forth movement along the fibres of the wood. Only apply on the width of 2-3 wood planks, afterwards apply on length of planks in order to avoid demarcation. Stir the product during the application in order to keep the mixture homogeneous. For a spray application, dilute with a maximum of 10% water. There should not be rain for the following 48 hours in order to ensure a good performance of the stain.</p> <p><b>Bare wood:</b> Apply two coats in order to obtain a uniform finish as well as a better protection. (Allow 4 hours drying time between each coat.)</p> <p><b>Previously stained wood:</b> One coat should suffice to refresh the surface.</p>
<b>MAINTENANCE</b>	
Make a visual analysis annually to ensure the condition of the surface. Clean the surface and apply a coat if necessary.	
<b>STORAGE</b>	
Store the paint in a dry area and maintain temperature between 10°C and 30°C.	

WARRANTY	CAUTION
<p>This product will give full satisfaction if applied according to the manufacturer's instructions. Manufacturer's liability is limited to the replacement of the product and does not include manpower if found defective upon inspection.</p>	<ul style="list-style-type: none"> <li>• Keep away from children's reach</li> <li>• Keep lid closed when not in use</li> <li>• Avoid freezing</li> </ul>

***" Contact your municipality to dispose of the container in an environmentally-friendly manner "***