

DESCRIPTION

Woodmate 1070 is a protective coating semi-transparent hybrid water-based and natural oil. It is designed to bring out 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 give it exceptional longevity. For applications on exotic or specific wood, please contact an MF Paints representative.

USE

Woodmate 1070 is applicable on exterior surfaces, it should be applied to properly prepared vertical surfaces such as wood siding and fences. It is developed for all types of wood with a maximum moisture content of 18%.

ADVANTAGES

- It contains self-crosslinking acrylic giving the paint film resistance to the cleaning product.
- Formulated with oil emulsion allowing it to better penetrate the wood.
- Bases 6 (red) and 7 (yellow) contain translucent pigments derived from nanotechnology
- UV resistance
- Base 6 and 7 can be applied without adding dye
- Fungicide which will retard the proliferation of mold.

LIMITATIONS

- Clear base cannot be used directly on wood. A minimum of 1 ounce of colorant / 3.71 L is required
- Avoid application at temperatures below 10°C
- Do not apply in direct sunlight
- Do not apply on torrefied wood
- Do not apply on exotic woods
- Do not mix with other dyes
- Do not apply to unprepared surfaces
- Do not apply to wood with more than 18% humidity.
- Do not apply on horizontal surfaces

TECHNICAL DATA

Resin		Hybrid	
Colour		Clear	
Thinner		Water	
Flash Point		N/A	
Inflammability		N/A	
Solids by weight		33	%
Solids by volume		31	%
VOC		<150	g/l
Gloss	60°	30-40	%
Sheeen	85°	65-75	%

APPLICATION DATA

*At 25° Celsius			
Relative humidity at 50%			
May differ depending on the colour			
Spreading Rate		28-46 m ²	
<small>May vary depending on the surface porosity</small>		(300-500sqft)	gallon
Film Thickness	Wet	3,2-5,3	mils
	Dry	0,99-1,65	mils
Drying Time*	Tack free	1	hours
	Recoat	4	hours
	Light traffic	24	hours
	Cleaning	30	days
Application	Brush	√	
	Roller	√	
	Spray airless	NA	
Application condition		√	
In case light rain priors wait before applying		8	hours
In case heavy rain wait before applying		24	hours
No rain should be expected after application		48	hours
Storage	Temperature between	10 et 30	°C
Format			
		946ML	3,78L
		18,9L	
1070-0	Clear Base	√	√
		min 1 - max 3 oz of colorant/3,78 L	
1070-6	Red Base	√	√
		max 3 oz of colorant/3,78 L	
1070-7	Yellowr Base	√	√
		max 3 oz of colorant/3,78 L	



SURFACE PREPARATION

Wood already painted or stained: If there is already a coating on the wood it will need to be removed completely before proceeding with the application. The wood should not be sealed. Wash the surface to be dyed with a mixture of degreaser (TSP), one liter of bleach and three liters of water. Lightly moisten the surface then apply the mixture to the wood. Let soak for 10-20 minutes without drying, scrub with a brush then rinse with a pressure washer set at 500-600 lbs of pressure. Repeat the operation as needed until a healthy, solid surface is obtained, free of dead and graying wood fibres. Leave to dry for 48 hours. The surface must be dry and clean, free of dust, oil, grease, rust and soap, or any other contaminants that could prevent the adhesion of the stain. Sand the wood with #100 grit sandpaper for vertical surfaces and #80 grit for horizontal surfaces to open the pores of the wood. Mechanical sandblasting is strongly recommended for horizontal surfaces.

New or treated wood that has been exposed to the weather, it is strongly recommended to neutralize any mold growth, whether visible or not, in order to avoid peeling. Use a mixture of 3 parts water and 1 part bleach, leave on for 20 minutes without letting it dry, then rinse. The wood must have dried at least 24 hours before staining it. Once the surface is dry, sand all horizontal surfaces with #80 grit sandpaper and for vertical surfaces #100, to open the wood fibers and improve adhesion. If cleaning with a pressure washer is necessary, it must be done before sanding.

APPLICATION

Apply at temperatures between 10°C to 30°C. Do not apply when the surface is exposed to the sun. The wood should not exceed 18% humidity. Wait 8 hours after light rain and 24 hours after a heavy rainfall. Use a long, natural bristle brush. Apply the coating with a back-and-forth motion following the fibers of the wood. Only make the width of 2-3 planks and finish the planks lengthwise to avoid any demarcation. Stir the product during application to keep the mixture homogeneous. If a spray application is made, go over systematically and immediately with a brush in order to have a good penetration of the stain into the wood. To ensure good stain performance, there should be no rain for 48 hours after application.

Apply two coats for a more even finish and better protection. (Allow 4 hours drying time between coats))

MAINTENANCE

A visual inspection annually of the surface is recommended. Inspect the general condition of the surface. If necessary clean the surface and prepare it as mentioned the section Surface Preparation then apply a new coat to extend the protection.

WARRANTY

This product will give complete satisfaction if applied according to the manufacturer's instructions. In the event that this is found to be defective after inspection, the manufacturer's liability is limited to replacement of the product and does not include labor during application.

CAUTION

- Keep out of the reach of children
- Keep container closed when not in use
- Avoid freezing
- Do not use in poorly ventilated areas

CONTACT YOUR MUNICIPALITY TO DISPOSE OF CONTAINERS AND SURPLUSES IN AN ENVIRONMENTALLY FRIENDLY MANNER