



Distributions Fillion Marquis International Itée

925 Rue Gaudette, Saint-Jean-sur-Richelieu (Québec) J3B 7S7
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TECHNICAL DATA SHEET
STEINA ALKYD-REINFORCED
SOLID STAIN FOR
EXTERIOR WOOD
PE700875 to PE700878

DESCRIPTION

STEINA Alkyd-Reinforced Solid Stain for Exterior Wood is a hybrid alkyd-acrylic coating with low volatile organic compound (VOC) content. Provides a durable, flexible, opaque finish. Adheres well to chalky surfaces. Contains antibacterial/fungicidal additives.

Available bases:

- White Base - 3,75L - PE700875
- Medium Base - 3,66 - PE700876
- Deep Base - 3,55L - PE700877
- Neutral Base - 3,43L - PE700878

PRIMARY APPLICATION

- Cladding
- Fences
- Decks
- Garden Furniture
- Panels
- Shingles

TECHNICAL DATA

Appearance	White liquid
Odor	Mild
Gloss (60°)	10 - 15 @ 60°
Viscosity	80 ± 5 KU
VOC	Max 91 g/l
pH	8.5 - 9.3
Density	1.44 ± 0.05
Vehicle type	Alkyd - acrylic emulsion
Thinner	Water
Binder	Alkyd - acrylic
Weight per Gallon	11.96 ± 0.25 lb/gal.
Solids by weight	58 ± 1%
Solids by volume	41 ± 1%
Recommended Dry Film Thickness (DFT)	1.0-1.5 mils
Wet Film to Achieve (WFT)	2.9 - 4.4 mils
Theoretical coverage	546 sq ft/gal, 13 m ² /L, at 1 mil (25 microns) DFT
Practical coverage	11 m ² /L ,464 sq ft./gal at 1 mil (25microns) DFT
Dry times	Can vary depending on the temperature, relative humidity and the texture and the porosity of the surface. Wait 24 hours before allowing light traffic and 48 hours before placing furniture. Tack free 1 hour Recoat 4 hours
Recommended applicator	Brush, a roller, or a paint gun (filter through cheesecloth when the Airless paint sprayer is used) Pressure 1,800-2,000 lb/po2 Tip size: 0.017 – 0.021.
Coverage	Based on theoretical coverage i.e. no losses. Actual coverage may vary according to application method, texture & porosity of substrate.



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Storage	Keep this product in a cool, dry, ventilated area between 15°C and 25°C. Keep containers closed when not used. To avoid freezing.
Safety Measures	Flashpoint: None Lead: None Mercury: None
Shelf Life	1 year, in unopened containers properly stored in a cool dry area.
Primers recommended	STEINA Exterior Stain Blocking Primer White 3.78L (PE700880)
Waste disposal	Reach your municipality about proper disposal procedure or give leftover paint to someone who could use it, a neighbor or friend, a recreational service or a non-profit organization. For more information, visit www.eco-peinture.ca if you reside in Quebec. Do not leftover paint down the drain.

* In a dark base and accent, use a maximum of 8 ounces of colorant per gallon for optimal resistance and durability of the film. The addition of a colorant will increase the content of VOC and can affect the drying time and the coverage depending on the quantity of the colorant used. *

USAGE

Recommended for exterior dry wood surfaces, such as decks, sidings, fences, garden furniture, panels and shingles. Not tested on scorched and exotic wood. Test on a small surface to therefore verify its compatibility.

RESTRICTIONS

Avoid painting in full sun, on wood that is more humid that 195, on a hot surface or if the relative humidity exceeds 85%.

SURFACE PREPARATION

Clean the surface, preferably with high water pressure, and let it dry for two days at less than 19% humidity.

The surfaces to be painted must be clean, dry, and free of any contaminants, mold, and old flaking paint. Repair cracks with mastic. The knots in the wood should be sealed with shellac. New wood should be cleaned and sanded to take off the glaze while manufactured to permit a good penetration of the finish.



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APPLICATION

- Stir well before and during use.
- Do a test on a small surface before starting the application to be assured of obtaining the desired appearance.
- Apply at room temperature between 10° and 30°C with a brush, a roller, or a paint gun.
- Apply evenly in the same sense as the wood grain. On new or porous wood, the first coat can be diluted with a maximum of 10% water.
- Apply two coats for an optimal performance, respecting the time allowed to dry.
- Treat all surfaces to prevent the absorption of moisture, which is the major cause of cracks and fissures.
- Pay particular attention to thoroughly treating the board ends.
- Do not apply if rain is predicted within the next 24-48 hours when the temperatures are not too hot or too cold.

* If applied with a paint gun or roller, pass a brush to get good penetration and an even appearance.

CLEAN UP

Tools clean up

Clean tools with water immediately after use.

Surface clean up

Wait at least 30 days before cleaning. Avoid abrasive cleaners and excessive scrubbing.

MAINTENANCE

The durability will depend on the exposition to bad weather, and humidity, and the intensity of the circulation. Make an annual inspection of the surfaces to repair the areas that have been damaged. The surfaces exposed to wind, rain, and direct sun as well as those with intense circulation can have premature wear. In the case of damage, clean and sand lightly the surface, retouch the areas that are bare. Afterwards apply a coat on the whole surface.

Vertical surfaces; minimum of 4 years. Horizontal surfaces: minimum 3 years.

IMPORTANT NOTICE

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