

# MARINE COATINGS PRIMER FOR WOOD & FIBERGLASS

## DESCRIPTION AND USES

Rust-Oleum® Marine Coatings Primer for Wood & Fiberglass is suitable for use as a base coat whenever the surface to be painted is aged, cracked, checked, pitted or rough. It can be applied to fiberglass, wood and previously painted surfaces. Rust-Oleum Marine Coatings Primer for Wood & Fiberglass dries quickly and is easy to sand. It provides a smooth base that allows Rust-Oleum Marine Coatings Topside Paint to dry to a uniform gloss and appearance. **DO NOT USE below the waterline.**

## PRODUCTS

1-Quart	Description
207014	Primer for Wood & Fiberglass

## PRODUCT APPLICATION

### SURFACE PREPARATION

All surfaces must be free of dirt, loose paint, oil, grease, wax, soap and any other foreign matter. Clean painted areas by washing with a solution of 2 cups household ammonia per gallon of water and rinse well. Remove existing mildew with household bleach. **Do not mix together ammonia and bleach.** Rinse thoroughly and allow to dry.

**BARE FIBERGLASS** - The entire surface, regardless of age, must be thoroughly washed with a fiberglass cleaner to remove all traces of mold release agents and wax. Sand the gel coat with 80-120 grit sandpaper to create a dull, frosty appearance. Wipe the surface with mineral spirits or a tack rag to remove sanding dust and residue. Rough surfaces or imperfections should be repaired. Fill all nicks and gouges with a fiberglass repair compound and sand smooth when hard. Remove sanding dust with mineral spirits or a tack rag.

**BARE WOOD** – Sand the surface smooth with 80-120 grit sandpaper. Wipe the surface with mineral spirits or xylene to remove sanding dust and residue. Fill all screw heads or small holes with a wood repair compound Sand smooth and solvent clean. Apply a coat of Rust-Oleum Marine Coatings Spar Varnish thinned 10% with mineral spirits to penetrate and seal the porous grain. Allow to dry 24 hours and sand smooth with 150 grit sandpaper. Apply one full coat of Primer for Wood & Fiberglass. Allow to dry four hours and sand smooth with 150 grit sandpaper. Repeat Primer application as necessary to achieve smooth surface. Sand the final coat of Primer with 220 grit sandpaper then finish with two coats of Topside Paint.

## PRODUCT APPLICATION (cont.)

**BARE WOOD (cont.)** - Bare wood that has been previously coated with epoxy must be thoroughly scrubbed with an ammonia/water solution, rinsed thoroughly, then sanded with 120 grit sandpaper and solvent cleaned. Follow with a coat of Topside Primer to smooth the surface and provide a uniform base. Sand and solvent clean and then proceed with the first coat of Topside Paint.

**PAINTED SURFACES** - Old paint is in good, sound condition should be washed thoroughly with mineral spirits or xylene. Sand smooth with 80 grit sandpaper and solvent wipe with mineral spirits or a tack rag to remove residue. Apply a coat of Rust-Oleum Primer for Wood & Fiberglass. If the old paint is in poor condition, remove it with a paint and varnish remover or by sanding.

### APPLICATION

Apply when air (ambient) temperature is between 50-90°F (10-32°C) and the relative humidity is below 85%. Do not apply on extremely humid days (90% humidity or above) or when rain is threatening. Do not apply in the late afternoon outdoors as the wet film may be adversely affected by dew. When working in cooler temperatures, be sure the air and surface temperatures will remain at or above 50°F for at least 4 hours after application.

Thoroughly agitate to ensure any settled pigment is re-dispersed before use. Apply with a high quality brush, roller, conventional or airless spray. For brush or roller application, apply full strength. In hot weather, thin with 5% mineral spirits to maintain a wet edge. On large, smooth surfaces, apply using a short nap or foam roller cover followed immediately by back brushing. If using conventional spray application, thin 5% with xylene and apply one thin, even coat. After four hours, lightly sand with 150 grit sandpaper and apply a second coat. Always wipe with a tack cloth immediately after sanding to remove any airborne dust that may have settled on the surface. If two or more coats are applied within four hours (at 70°F) or excessive wet film is applied (greater than 5 wet mils) these conditions will lead to insufficient drying of the paint and will yield soft paint films. If using airless spray, apply using 1,600-2,400 psi with a 0.013 -0.017 inch tip. If necessary, thin up to 5% with xylene.

### DRY TIME

Dry and recoat times are based on 70°F and 50% relative humidity. Allow more time at cooler temperatures Dries to the touch in 1 hour at 70°F and can be recoated after 4 hours. Full cure is achieved at 72 hours.

### CLEAN-UP

Clean up application tools and equipment with xylene.

## TECHNICAL DATA

### MARINE COATINGS – PRIMER FOR WOOD & FIBERGLASS

#### PHYSICAL PROPERTIES

		PRIMER FOR WOOD & FIBERGLASS
Resin Type		Modified Alkyd
Pigment Type		Titanium Dioxide and Fillers
Solvents		Aromatic Hydrocarbons
Weight	Per Gallon	12.7 lbs.
	Per Liter	1.52 kg
Solids	By Weight	70.0%
	By Volume	46.0%
Volatile Organic Compounds		457 g/l (3.80 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.5-2.0 mils (37.5-50μ)
Wet Film to Achieve DFT (unthinned material)		3.0-6.0 mils (75-150μ)
Theoretical Coverage at 1 mil DFT (25μ)		738 sq.ft./gal.
Practical Coverage at Recommended DFT (assumes 15% material loss)		100 ft <sup>2</sup> /quart
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	1 hour
	Handle	3 hours
	Recoat	4 hours
	Full Cure	72 hours
Dry Heat Resistance		250°F (121°C)
Shelf Life		3 years from manufacturing date
Flash Point		104°F (40°C)
Warning!		CAUTION! Combustible Liquid and Vapor
Safety Information		For additional information, see MSDS

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