



Exterior

Acrylic Latex Primer

White 54300* & Clear Base 54395

Product Description:

These special wood primers are formulated for use under Storm System Solid Color Stains, either Linseed Oil or Urethane Latex Base. These exterior base coats are designed to help eliminate the natural tannin or sugar staining and discoloration produced by bare woods such as red cedar, redwood, fir, pine or white cedar. These primers have excellent adhesion to all wood surfaces and are highly resistant to peeling. The unique formulation also helps to retard the surface rusting of uncoated nails. These products are excellent for use under the Storm System Category IV Acrylic Stain finish coats.

Recommended Use:

Clapboards, Siding, Shingles, Trim, Shakes, Hardboard

Application:

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Surface Preparation:

Surfaces must be thoroughly clean and dry. Always test a small area before application to the entire surface. All mildewed areas should be cleaned with Storm System All Surface Mold & Mildew Stain Remover. New pressure treated wood should be scrubbed with Storm System All Surface Cleaner to remove all surface deposits. Rinse thoroughly and allow to dry. White may be tinted with up to 2 ounces of universal colorants. Clear base may be tinted with no more than 12 ounces of universal colorants.

Thoroughly stir this primer before application. Material is of proper consistency as packaged to be applied without thinning under normal environmental and application conditions but can be thinned sparingly with water for proper application consistency (up to 1/2 pint water per gallon)

This primer is best applied by a soft polyester or nylon brush or a low pile synthetic roller. It can also be sprayed successfully with an airless spray gun with a .015 or .017 tip. Back brushing is recommended.

Apply this primer uniformly. Do not brush out excessively but remove any sags or runs before material has started to dry.

Should any tannin or sugar stains migrate through the original coat of this primer, a second coat on the stained area is necessary before finish coating. In areas subject to higher moisture, on woods with high levels of water soluble extracts subject to excessive bleeding and on lower grade woods we recommend the use of Storm System Quick Dry Oil Primer No. 52344

Architectural Specifications:

- UNFINISHED WOOD - SHINGLES, CLAPBOARDS, SIDING, SHAKES, TRIM, HARDBOARD, EXTERIOR PLYWOOD

1 or 2 coats Acrylic Latex Primer 54300 or 54395.

Note: In areas subject to high moisture, on woods with high levels of water soluble extracts subjects to excessive bleeding on lower grade woods we recommend the use of Storm System Quick Dry Oil Primer No. 52344

Precautions:

Remove all mildew before application with Storm System All Surface Mold + Mildew Stain Remover. Spot-prime knots and stained areas with Storm System Acrylic Primer 54300 prior to applying a full coat of this primer. Air and surface temperature must be not lower than 50°F during application and drying time. Prime coats do not weather well. The maximum period of time this primer can be exposed to weather prior to topcoating is 60 days. Primers not topcoated within 60 days should be power-washed prior to application of finish coats. Wood must be thoroughly dry to reduce the possibility of water soluble bleeding. A second coat may be necessary to neutralize bleeding on heavily stained areas. Do not apply to smooth side clapboards without thorough sanding, weathering or pressure washing.

Safety Information:

CAUTION! COMBUSTIBLE! Use only with adequate ventilation. Keep out of reach of children. Do not take internally. Close container after each use.

*Specification data is for 54300 White

Product Specifications:

Type: 100% Acrylic Latex
Exposure: Exterior
Specular Gloss: 20 @ 60° ±5
Volume Solids: 39.6 % ±2
Solids by Weight: 52.2 % ±2
Vehicle: 76.1 % ±2
Pigment: 23.9 % ±2
Dry Film Thickness: 1.5 mils
Viscosity @ 77 °F: 85 KU ±5
Maximum VOC: 100 g/liter
Flash Pt °F: None
Thinner: Water
Clean Up: Soap & Water

Available Colors and Bases:

White Clear

Available Package Sizes:

Quart Gallon 5 Gallon

(Weight Per Gallon: 10.6 lbs. ± .5 lb)

Drying Times:

To Touch: 1 hrs.

To Handle: 4 hrs.

To Recoat: 4 hrs.

(@ 70-77 °F, 50% R.H.)

Surface Spread Rate:

Smooth: 400 s.f./gal.

Porous: 300-350 s.f./gal.

(Spray Application is 50% of above)

Tools and Equipment:

Brush -
Synthetic, Nylon or Polyester

Roller -
3/8" Nap Synthetic Fiber

Airless Spray -
.017 to .019 Tip