



**SHERWIN  
WILLIAMS**

## Product Finishes

# Sherwood® Tannin Block Primer Off White

E60WL0590

### DESCRIPTION

E60WL0590 is an acrylic latex tannin block primer intended for priming interior/exterior preserved wood products such as window parts, door jambs, fascia, shutters, etc. This product dries fast, sands easily, and will block tannins from most types of wood species such as redwood, western cedar, eastern white pine, oak, etc.

#### **Advantages:**

- Excellent tannin blocking comparable to solvent based technologies
- Excellent water resistance
- Low VOC <1.0 lbs/gallon
- No Hazardous Air Pollutants
- No fire hazard.
- Easy filling and sanding.
- Low odor. Possible lower insurance rates.
- Single component - no catalyzation.
- Quick to dry for fast recoat time.
- May be top coated with high quality latexes such as Kem Aqua BP Enamel, Duration, Superpaint, A-100, etc.

\*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.

### CHARACTERISTICS

<b>Gloss:</b>	NA
<b>Wt/Gal:</b>	10.70 ± 0.5lbs/gal
<b>Volume Solids</b>	32± 1%
<b>Viscosity:</b>	30-35 Sec. #2 Sig. Zahn
<b>Recommended Dry film Thickness:</b>	
Wet:	3.0 - 5.0 mils
Dry	.96 - 1.6 mils
<b>Spreading Rate:</b>	502 sq ft/gal 1.0 mil dry film, no loss
<b>Package Life:</b>	12 months
<b>Drying:</b> (77°F (25°C), 50% RH):	
	2.0 mil DFT
To Touch:	5-10 minutes
To Handle:	15-20minutes
To Sand:	30-40 minutes
To Recoat:	30-40 minutes
Force Dry:	5-10 min. at 140°F

### CHARACTERISTICS (cont.)

Good air movement and humidity control are necessary for proper drying of water reducible coatings.

Do not exceed the heat distortion temperature of the substrate.

**Flash Point:** >200°F Pensky-Martens Closed Cup  
**Package Life:** 1 years, unopened  
**pH:** 4.6-5.6

#### **Air Quality Data:**

Non-photochemically reactive  
Photochemically reactive  
Volatile Organic Compounds (VOC)  
as packaged, maximum  
.33 lb/gal, 39 g/L  
Hazardous Air Pollutants (HAPS)  
as packaged, maximum  
less than 0.8 lbs per lb of solids

An Environmental Data Sheet is available from your local Sherwin-Williams facility.

### SPECIFICATIONS

**General:** Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface passivation treatments to ensure optimum adhesion and coating performance properties.

**Wood** (interior/exterior): Must be clean, dry, and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints, and any contamination to ensure optimum adhesion and coating performance properties. Moisture content of wood should be 6 to 8%.

**Testing:** Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.

### APPLICATION

Typical Setups

#### **May be applied by:**

Conventional Spray  
Airless Spray  
Air Assisted Airless  
HVLP

### APPLICATION (cont.)

Some species of wood may take more than one coat due to different porosities of each species. Pre-sanding of certain wood species with 220 grit sandpaper may be required for best appearance.

#### **Conventional Spray:**

Air Pressure.....8 – 10 psi  
Fluid Pressure .....10-15 psi  
Cap/Tip.....2000/.042-.070  
Reducer.....water  
Reduction Rate.....as needed up to 5%

#### **Airless Spray:**

Pressure .....1500psi  
Tip ......013 - .017"  
Reducer.....NA  
Reduction Rate.....NA

#### **Air Assisted Airless:**

Air Assist Pressure .....10 – 20 psi  
Fluid Pressure .....800- 1200psi  
Cap/Tip......011 - .015  
Reducer.....water  
Reduction Rate.....as needed up to 5%

#### **HVLP:**

Gun.....Binks Mach 1  
Air Pressure at the cap .....8 -10 psi  
Fluid Pressure .....10-15 psi  
Cap/Tip......042/.070  
Reducer.....water  
Reduction Rate.....as needed up to 5%

#### **Cleanup:**

Clean tools/equipment immediately after use with mix of acetone/water. Clean spray cap with MEK.  
Flush equipment with solvent to prevent rusting.

Follow manufacturer's safety recommendations when using any solvent.

### SPECIFICATIONS

#### **Product Limitations:**

- Protect from freezing.
- Inside storage between 40 and 95°F.
- Higher humidity will slow drying.
- Spray wet film for good film integrity.
- Do not exceed 3 mils total dry film to avoid mudcracking and improper drying.

- Use low to moderate atomizing pressures to minimize bubbling and air entrapment.
- Do not shake or agitate violently because of tendencies to foaming and air entrapment.

**DO NOT MIX THIS PRODUCT WITH ANY OTHER PRODUCTS. THIS TECHNOLOGY USES CHEMISTRY FOR BLOCKING TANNINS**

## **CAUTIONS**

Thoroughly review product label for safety and cautions prior to using this product.

A Material Safety Data Sheet is available from your local Sherwin-Williams facility.

Please direct any questions or comments to your local Sherwin-Williams facility.

**Note:** Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application, which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result.

Building Products /Columbus, OH  
J Queen  
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