



Industrial Wood Coatings

CC-F810

**SHERWIN
WILLIAMS.**

SHER-WOOD® High Build Primer Next Gen

White..... E60WH680

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p>SHER-WOOD High Build Primer Next Gen is an acrylic latex primer intended for priming interior and approved exterior wood and composite substrates. This product dries fast, sands easily, and will fill open grain in soft woods and MDF with little or no grain raise. If used as exterior product must be top coated within 180 days of application.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Fast dry • Good hide • Bright white color • Minimizes grain raise • Easy filling and sanding • Low odor. • No critical re-coat time. • Versatile application options • May be top coated with a high-quality interior or exterior latex. • Water reducible latex quality • Non-photochemically reactive • Low VOC. Less Than 0.4 lbs/gal • Free of lead and chromate hazards. • This product can be tinted up to 6 oz/gal with GIW colorants <p>Air Quality Data (Theoretical):</p> <ul style="list-style-type: none"> • Non-photochemically reactive • Volatile Organic Compounds (VOC) as packaged, maximum: 0.35 lb/gal, 42 g/L <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com</p>	<p>Gloss @ 60°: 0 -10 units</p> <p>Volume Solids: 37 ± 2%</p> <p>Weight Solids: 56 ± 2%</p> <p>Viscosity: 24-30 seconds #3 Zahn Cup</p> <p>Recommended film thickness: Mils Wet 3.0-5.0 Mils Dry 1.3-2.1</p> <p>Spreading Rate (no application loss) 620 sq ft/gal @ 1.0 mils DFT</p> <p>Drying (77°F, 50% RH): To Handle: 15-40 minutes Force Dry: 5 -10 minutes at 140°F</p> <p>The drying data can vary depending on drying methods and oven set up.</p> <p>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</p> <p>Flash Point: 499°F, Pensky-Martens Closed Cup</p> <p>Package Life: 12 months, unopened</p> <p>pH: 8.5-9.5</p>	<p>Surface preparation:</p> <p>Wood - New Work: 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%.</p> <p>Previously finished wood (interior only): Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.</p> <p>Testing: The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.</p>

APPLICATION

Typical Setups

May be applied by:
Conventional Spray
Vacuum Coat
Flow Coat
Airless Spray
Air Assisted Airless
HVLP

Conventional Spray:

Air Pressure..... 35- 45 psi
Fluid Pressure..... 8-10 psi
ReducerDI Water
Reduction Rate as needed up to 5%

Airless Spray:

Pressure1500 min psi
Tip......015-.021"
Reducer.....NA
Reduction Rate NA

Air Assisted Airless:

Air Assist Pressure10 -20 psi
Fluid Pressure100-500 psi
ReducerDI Water
Reduction Rateas needed up to 5%

HVLP:

Gun..... Binks Mach 1
Air Pressure at the cap 35-45 psi
Fluid Pressure.....8-10 psi
Reducer.....DI Water
Reduction Rateas needed up to 5%

Vacuum Coat:.....As is.

Flow Coat

Consult your Sherwin-Williams Sales and Technical team for guidance

May be applied to warm substrate 120°F max.

Cleanup:

Clean tools/equipment immediately after use with a 4:1 blend of water and 2-Butoxyethanol (R6K25).
Flush equipment with 2-Butoxyethanol 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 only.
- Higher humidity will slow drying.
- Spray wet film for good film integrity.
- Customer must test on specific surface for performance because a wide variety of urethanes and urethane compositions exist in the market.
- Do not exceed 4 mils total dry film to avoid mud cracking 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.

Tinting: This product can be tinted up to 6 oz/gal with GIW or Kem Aqua colorants.

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CAUTIONS

FOR INDUSTRIAL SHOP APPLICATION ONLY

Thoroughly review product label and Safety Data Sheet (SDS) for safety and cautions prior to using this product.

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or www.paintdocs.com.

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

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