**Multi-Purpose Interior-Exterior Latex Primer-Sealer**

B51-450 Series

### CHARACTERISTICS

Multi-Purpose Interior-Exterior Latex Primer-Sealer:

- Assures uniform appearance of topcoats
- Fast Dry
- Apply at temperatures down to 35°F
- Assures adhesion of the topcoat to slick, glossy surfaces
- Seals out solvent sensitive stains – tar, solvent based markers, etc.
- Seals minor dried water stains and tannin
- Provides easy "slip" for positioning wallpaper
- Passes ASTM D3273/3274

Use on interior:

- Ceiling Tiles
- Paneling
- Wall Laminate
- Cured Plaster
- Drywall
- Varnished Woodwork
- Under Wallcovering

Use on Interior and Exterior:

- Wood
- Aluminum
- Galvanized Metal
- Previously Painted Surfaces
- PVC Piping
- Drywall
- Concrete and Masonry
- Many Plastics
- Glossy Surfaces
- Fiberglass
- Copper
- Glazed Block

Color: White & Deep Base

For best color development, use the recommended "p"-shade primer. Check color before use.

Coverage: 400 sq. ft. per gallon @ 4 mils wet; 1.4 mils dry

Drying Time, @ 77° F, 50% RH:

- Touch: 30 minutes
- Recoat as a primer: 1 hour
- Recoat as a stain sealer: 4 hours
- Recoat to apply wallcovering: 2 hours

Drying and recoat times are temperature, humidity, and film thickness dependent.

Finish: 3-13 units @ 85°

Tinting with CCE Only:

<table>
<thead>
<tr>
<th>Base</th>
<th>oz. per gallon</th>
<th>Strength</th>
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</thead>
<tbody>
<tr>
<td>White</td>
<td>0-4</td>
<td>SherColor</td>
</tr>
<tr>
<td>Deep Base</td>
<td>4-12</td>
<td>SherColor</td>
</tr>
</tbody>
</table>

White B51W00450

(may vary by color)

V.O.C. (less exempt solvents):

Less than 50 grams per litre; 0.42 lbs. per gallon

As per 40 CFR 59.406

<table>
<thead>
<tr>
<th>Volume Solids:</th>
<th>35 ±2%</th>
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</thead>
<tbody>
<tr>
<td>Weight Solids:</td>
<td>52 ±2%</td>
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<tr>
<td>Weight per Gallon:</td>
<td>10.89 lbs</td>
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<tr>
<td>Flash Point:</td>
<td>N.A.</td>
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<tr>
<td>Vehicle Type:</td>
<td>Styrene Acrylic Latex</td>
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<tr>
<td>Shelf Life:</td>
<td>36 months, unopened</td>
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<tr>
<td>WVP Perms (US):</td>
<td>23.09 grains/(hr ft² in Hg)</td>
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</tbody>
</table>

### COMPLIANCE

As of 7/28/2023, Complies with:

- OTC
- OTC Phase II
- S.C.A.Q.M.D.
- CARB
- CARB SCM 2007
- CARB SCM 2020
- Canada
- LEED® v4 & v4.1 Emissions
- LEED® v4 & v4.1 V.O.C.
- EPD-NSF® Certified
- MIR-Manufacturer Inventory
- MPI®

### SPECIFICATIONS

1 coat Multi-Purpose Interior-Exterior Latex Primer-Sealer

2 coats appropriate topcoat

Recommended Architectural Topcoats:

- All Surface Enamels
- A-100® Exterior Latex
- Duration® Exterior & Duration Home® Interior
- Emerald® Exterior & Interior
- Emerald® Urethan Trim Enamel
- SuperPaint® Exterior & Interior
- ProClassic® Interior Enamels
- ProMar® Interior

Recommended Architectural Topcoats:

- Pro Industrial™ Acrylic Coating
- Pro Industrial™ Pre-Cat Epoxy
- Pro Industrial™ Pre-Cat Urethane
- Pro Industrial™ Waterbased Catalyzed Epoxy

### APPLICATION

When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface and material temperature is above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours. Air and surface temperatures must not drop below 35°F for 48 hours after application.

Do not reduce for stain blocking.

Brush:

Use a nylon-polyester brush.

Roller:

Use a 3/8 inch nap soft woven cover.

For specific brushes and rollers, please refer to our Brush and Roller Guide on sherwin-williams.com

Spray - Airless:

Pressure: 2000 p.s.i.

Tip: .015-.021 inch

**APPLICATION TIPS**

For best topcoat color development, use a recommended "P"-shade primer. Check color before use.

When spot priming on some surfaces, a non-uniform appearance of the final coat may result, due to differences in holdout between primed and unprimed areas. To avoid this, prime the entire surface rather than spot priming.

For optimal performance, this primer must be topcoated with a latex, alkyd-oil, water-based epoxy, or solvent based epoxy coating on architectural applications.

For exterior exposure, this primer must be topcoated within 14 days with architectural latex or oil finishes.

General Priming: Multi-Purpose Interior-Exterior Latex Primer-Sealer can be topcoated in 1 hour in non-stain blocking applications.

www.sherwin-williams.com
**Multi-Purpose**  
**Interior-Exterior Latex Primer-Sealer**

### SURFACE PREPARATION

**WARNING!** If you scrape, sand or remove old paint, 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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Remove all surface contamination by washing with a appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand Glossy surfaces dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Special recommendations:**

- After priming stained surfaces, allow to dry for 4 hours, test a small area for bleeding by applying the topcoat before painting the entire project. If the stain bleeds through, apply a second coat of the topcoat before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.
- **Plaster:**
  - Bare plaster must be cured, usually 30 days, and hard. If priming cannot wait, allow the surface to dry 7 days and prime with Loxon Concrete and Masonry Primer. Soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of clean water. Repeat until the surface is hard, rinse with clear water and allow to dry.
- When used as a primer under wallcovering:
  - After the wallcovering has been applied and the adhesive has dried and cured, wait at least 21 days before removing the wallcovering to avoid damage to the drywall.

**Fire restoration work:**

- Thoroughly clean the surface before applying to smoke-stained areas. Apply one or two coats of Multi-Purpose Latex Primer/Sealer and test a small area for bleeding before painting the entire surface.
- **Tile:**
  - Laminate, ceramic, and plastic tiles, and similar glossy surfaces, must be free of all oil, grease, and soap residue. Do not use this product in areas subject to excessive water, e.g. in showers, around sinks, on counter tops.

#### CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and clean warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer’s safety recommendations when using solvents.

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The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.