

**Optimus™****Interior-Exterior Latex Primer**

B28WW6010

**SHERWIN  
WILLIAMS®****CHARACTERISTICS**

**Optimus Primer** is designed to meet the demanding expectations of the new residential construction market. This product is recommended for new construction for use on drywall, previously painted surfaces, properly prepared wood, concrete and masonry.

**Color:** White  
**Coverage:** 370 sq.ft.per gallon  
 @ 4.5 mils wet;  
 1.0 mils dry

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

**Drying Time, @ 77°F, 50% RH:**

**Touch:** 1 hour  
**Recoat:** 4 hours

**Finish:** 0-10 units@85°  
**Tinting: Requires ColorCast Ecotoner for tinting.**

For best topcoat color development, use the recommended "P"-shade primer. If desired, up to 4 oz per gallon of ColorCast Ecotoner can be used to approximate the topcoat color. Check color before use.

**White B28WW6010****V.O.C. (less exempt solvents):**

less than 50 grams per litre; .42 lbs. per gallon  
 As per 40 CFR 59.406

**Volume Solids:** 23 ± 2%

**Weight Solids:** 39 ± 2%

**Weight per Gallon:** 10.60 lbs

**Flash Point:** N.A.

**Vehicle Type:** Vinyl acrylic

**Shelf Life:** 36 months unopened

**COMPLIANCE**

As of 10/07/2020, Complies with:

<b>OTC</b>	Yes
<b>OTC Phase II</b>	Yes
<b>SCAQMD</b>	Yes
<b>CARB</b>	Yes
<b>CARB SCM 2007</b>	Yes
<b>Canada</b>	Yes
<b>LEED® v4 &amp; v4.1 Emissions</b>	No
<b>LEED® v4 &amp; v4.1 V.O.C.</b>	Yes
<b>EPD-NSF® Certified</b>	No
<b>MIR-Manufacturer Inventory</b>	No
<b>MPI®</b>	No

**APPLICATION**

Apply at a temperatures above 50°F.

**Do not reduce.**

**Brush:**  
 Use a nylon-polyester brush.

**Roller:**  
 Use a 3/8 inch nap soft woven roller cover.

**Spray—Airless:**

Pressure 2000 p.s.i.  
 Tip .017-.021 inch

**APPLICATION TIPS**

Six minutes minimum mixing on a mechanical shaker is required for complete mixing of color.

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 within 14 days with architectural latex or oil finishes.

For better performance when priming exterior concrete, stucco or masonry surfaces use an alkali resistant primer.

**SPECIFICATIONS****Interior:****Drywall:**

1 coat Optimus Primer  
 2 coats Of appropriate finishes

**Cured Plaster:**

1 coat Optimus Primer  
 2 coats Of appropriate finishes

**Previously Painted:**

1 coat Optimus Primer  
 1-2 coats Of appropriate finishes

**Interior or Exterior:****Cured Concrete and Stucco:**

1 coat Optimus Primer  
 2 coats Of appropriate finishes

**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an 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.

**Caulking** - Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface. Allow proper drying time before application of the finish.

**Drywall** - Fill cracks and nail holes with patching paste-spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

**Masonry, Concrete, Cement, Block** - All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces should be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete and Masonry Primer-Sealer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.

**Concrete masonry units (CMU)** - Surface should be thoroughly clean and dry. Air, material and surface temperatures must be at least 50°F (10°C) before filling. Use Loxon Block Surfacifier. The filler must be thoroughly dry before topcoating.

**Stucco** - Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 7 days and prime with Loxon Concrete and Masonry Primer-Sealer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.

Masonry surfaces must be dry before priming. Moisture content must be 15% or lower, and the pH between 6 and 9. If the pH is greater than 9, use an alkali resistant primer.

**SURFACE PREPARATION**

**Mildew** - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry 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.

**Previously Painted Surfaces** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Special Recommendations** - When topcoating with enamels, 2 topcoats are required for full sheen development, reducing the potential for areas of uneven sheen when touching up.

**CAUTIONS**

Protect from freezing.

Non-photochemically reactive.

Not for use under wallpaper.

Not for use on vinyl or other plastic surfaces.

Before using, carefully read **CAUTIONS on label**

**CRYSTALLINE SILICA:** Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

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**CLEANUP INFORMATION**

Clean spills, spatters, hands and tools with soap and 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.