



108.10

Formulated for use with the **Color-Prime™ System**

SHERWIN WILLIAMS.

A-100®

EXTERIOR LATEX PRIMER

B42W41 White and Tinting Base
B42W43 Deep Tinting Base

| | | |
|--------------------------------|-----|-----------------|
| As of 09/22/08, Complies with: | | |
| OTC | Yes | LEED® C1v2.0 No |
| SCAQMD | Yes | LEED® NCv2.2 No |
| CARB | Yes | LEED® CSv2.0 No |
| MPI Spec # | No | LEED® H No |
| NAHB | No | |



CHARACTERISTICS

A-100 Exterior Latex Primer is recommended for use on exterior wood and plywood siding and trim, masonry, and cement composition panels, as a spot primer or overall primer, down to a surface and air temperature of 35°F.

Color: White and custom colors
Coverage: 350 - 400 sq ft/gal @ 4 mils wet; 1.4 mils dry

Drying Time, 50% RH:
Drying and recoat times are temperature, humidity and film thickness dependent.
35-45°F 45-60°F 60°F+

Touch hrs: 2 2 1
Recoat hrs: 24-48 24 4

Air and surface temperatures must not drop below 35°F for 48 hours after application.

Flash Point: N/A
Finish: 0-10 units @ 85°

Tinting with Blend-A-Color:
Base oz/gal Strength
White 0 - 4 100%
Deep Base 4 - 10 100%
For best color development, use the recommended "P"-shade primer. If desired, Blend-A-Color Toner can be used to approximate the topcoat color. Check color before use.

Vehicle Type: Acrylic
B42W00041

VOC (less exempt solvents):
87 g/L; 0.72 lb/gal

Volume Solids: 36 ± 2%
Weight Solids: 52 ± 2%
Weight per Gallon: 11.2 lb

Mildew Resistant
This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

SPECIFICATION

Wood, Plywood, Composition Board, Cement Composition Panels, Masonry, Cement, Stucco
1 ct. A-100 Exterior Latex Primer
2 cts. Exterior latex or alkyd topcoat
Must be topcoated within 14 days.

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** are 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.

Apply at temperatures above 35°F. No reduction necessary.

Brush
Use a nylon/polyester brush.

Roller
Use a 3/8" - 3/4" nap synthetic cover.

Spray—Airless
Pressure2000 psi
Tip019"-.021"

CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

SURFACE PREPARATION

Warning! Removing or disturbing old paint from interior or exterior surfaces by sanding, scraping, abrading or other means may produce dust, debris or fumes that contain lead. Exposure to lead dust, debris or fumes may cause brain damage or other adverse health effects, especially in children and pregnant women. Structures built before 1978 should be tested by a licensed inspector prior to removing or disturbing old paint. For more information, call the National Lead Information Center at 1-800-424-LEAD (in U. S.) 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. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer.

Wood, Plywood, Exterior Drywall
Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler, putty, or exterior grade spackle and sand smooth.
On woods that present potential tannin bleeding, such as redwood and cedar, A-100 Exterior Latex Primer can be used. Care must be taken to determine if tannins will be activated by the water in the coating. To test for bleeding, coat a 4 foot by 4 foot section with the primer. If no bleeding is evident within 4 hours, proceed with complete priming. If bleeding occurs, use A-100® Exterior Oil Stain Blocking Primer.

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SURFACE PREPARATION

Masonry Surfaces:

All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. If painting cannot wait 30 days or if the pH of the surface is greater than 9, allow the surface to cure 7 days and prime the surface with Loxon® Masonry Primer*.

Repair cracks, voids, and other holes with ConSeal™ Patches and Sealants*.

Cement Composition Siding/Panels

Clean thoroughly. Do not pressure wash, the pressure may damage the panels.

Masonry, Concrete, Cement

Rough surfaces can be filled with Loxon Block Surfer to provide a smooth surface.

Stucco

Remove any loose stucco, efflorescence, or laitance.

* Do not use at temperatures below 50°F

Mildew

Remove 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.**

Caulking

Fill gaps between windows, doors, trim, and other through-wall openings with an appropriate caulk after priming the surface.

CAUTIONS

For exterior use only.

Protect from freezing.

Non-photochemically reactive.

Not for use on horizontal surfaces, such as a roof, deck, or floor, or where water may collect.

On large expanses of prefinished metal siding, the air, surface, and material temperatures must be 50°F or higher.

LABEL CAUTIONS

CAUTION contains CRYSTALLINE SILICA, ZINC. 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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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 to obtain the most recent Product Data Sheet.