

## Trouble Shooter 100% Acrylic Latex Exterior Wood Primer - 451 Series

### Product Description

This specially formulated 100% acrylic primer sets the standard for exterior primers. It prepares most exterior surfaces for finish coats while helping to neutralize tannin and sugar bleed stains from woods, rust from nail heads and water soluble stains from concrete and masonry. It provides maximum breathability, adhesion, and holdout to prolong the life of the finish.

### Recommended Use

Clapboards, shingles, shakes, trim, masonry, concrete, galvanized metal.

### General Surface Preparation

Surfaces must be clean and dry. Sand and dust wood irregularities. Knots should be sealed with Wipe-Out® II Alkyd Stain Block 20100. Joints, cracks, nail holes and other voids should be filled with Exterior Spackle or appropriate caulking compound. All mildewed areas should be scrubbed with an appropriate EPA registered mildew eliminating cleaner. Hose down with clean water and allow to dry before priming. Use rubber gloves and safety goggles for protection during this process. Excessively chalky, salty or dusty surfaces should be scrubbed with fresh water, then rinsed clean. New concrete should be fully cured (minimum of 30 days) before priming.

### Application

Troubleshooter is ready to use direct from the container, but can be thinned sparingly with water for proper application consistency (up to 1/2 pint water per gallon).

Do not brush out excessively but remove any sags or runs before material has started to dry. To hold back bleeding on heavily stained areas, a second coat of primer may be necessary. After priming stained areas, allow to dry 8-12 hours before applying topcoat. Test a small area for bleeding by applying topcoat before painting the entire project. If the stain bleeds through, apply a second coat of primer and allow to dry overnight and retest before topcoating.

### Clean up

A mixture of warm water and mild soap is the best cleaning solution for water-based paints. Prepare soapy water and pour into a clean container. Dip the paint brush into the mixture, working the soap through the brush bristles. Follow with a clear water rinse. Repeat the process if necessary. Always use a clean container with clean soapy water and follow with a clear water rinse. For stubborn water-based paints, try mineral spirits or lacquer thinner, followed by warm soapy water and a clear water rinse.

### Architectural Specifications

New Wood, Clapboards, Shingles, Shakes, Windows, Trim, Plywood, Concrete, Masonry, Composite:  
1 Coat Troubleshooter 100% Acrylic Latex Primer 45100 (or other 45195 Base Tinted)  
2 coats California® Latex or Oil based exterior in desired finish

### Precautions

Do not mix with oils, solvents or other paints.

Do not apply when air or surface temperature is below 50° F or when rain is imminent. Application over damp surfaces increases the possibility of tannin or sugar stains bleeding through the primer. Troubleshooter Alkyd/ Linseed Oil Wood Primer 22700 provides maximum protection against these stains.

Do not use a finish coat or leave unprotected for long periods of time. The maximum period of time this primer can be exposed to the weather prior to topcoating is 60 days. Primers not topcoated within 60 days should be power-washed and reprimed prior to application of finish coats.

Troubleshooter 100% Acrylic Latex Primer is resistant to the deteriorating action of mildew and bacteria. No claim is made for the preservative action to other than the paint film.

### Environmental Health and Safety Information

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**Keep out of reach of children. Do not take internally. Close container after each use.**

Stir thoroughly before application.

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\*Depending upon color choice, non zero VOC colorant added to this product may significantly increase VOC levels.

**WARNING:** This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**Lead Warning !** - If you scrape, sand or remove old paint from any surface, 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**Mold / Mildew Statement :** Contains an additive designed to inhibit growth of mold and mildew on the dried paint film only.

Some paint products may contain chemicals which are harmful if they come in contact with exposed skin. Protection for exposed skin (gloves, protective creams) should be available, and used per product directions.

Always use any paint product with proper ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below the applicable exposure limit (OSHA PEL) of the components being used. This information is listed on the appropriate Material Safety Data Sheets. All application areas should be ventilated in accordance with applicable OSHA regulations, contact your local office for specific information.

In an enclosed area and as required, always wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application of any coating unless air monitoring demonstrates that vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

**USE COMPLETELY OR DISPOSE OF PROPERLY:** Dispose of in accordance with applicable Federal, State and Local regulations. Under the Resource Conservation and Recovery Act (RCRA) regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material should be classified as a hazardous waste. For recycling guidance of any unused amount, contact your local or provincial organization of recovery and recycling. Dry, empty containers may be recycled in a can recycling program where facilities are available and sanctioned by local authorities.

### Notes

White can be tinted with up to 2 oz of colorant.  
Neutral base can receive up to 10 ounces of colorant.

### Technical Data

|                           |                 |
|---------------------------|-----------------|
| <b>Product Type</b>       | Primer          |
| <b>Exposure</b>           | Exterior        |
| <b>Specular Gloss</b>     | 7° ± 2          |
| <b>Volume Solids</b>      | 39.0% ± 2       |
| <b>Weight Solids</b>      | 51.7% ± 2       |
| <b>Vehicle Solids</b>     | 76.1% ± 2       |
| <b>Pigment</b>            | 23.9% ± 2       |
| <b>Wet Film Thickness</b> | 4 mils          |
| <b>Dry Film Thickness</b> | 1.5 mils        |
| <b>Viscosity @ 77 °F</b>  | 85KU ± 5        |
| <b>Max VOC</b>            | 100 g/l         |
| <b>Flash Point ° F</b>    | Non-Combustible |
| <b>Thinner</b>            | Water           |
| <b>Clean - up</b>         | Soap & Water    |

### Surface Spread Rate

|                                     |                   |
|-------------------------------------|-------------------|
| <b>Smooth</b>                       | 400-450 s.f./gal. |
| <b>Porous</b>                       | 375-425 s.f./gal. |
| (Spray Application is 50% of above) |                   |

### Drying Times

|                         |         |
|-------------------------|---------|
| <b>To Touch</b>         | 1 hour  |
| <b>To Handle</b>        | 4 hours |
| <b>To Recoat</b>        | 4 hours |
| <b>To Wash</b>          |         |
| (@ 70 - 77 °F, 50% R.H) |         |

### Surface Temperature At Application

|                    |                     |
|--------------------|---------------------|
| Minimum: Over 50°F | Maximum: Under 90°F |
|--------------------|---------------------|

### Storage Temperature

Store Between Over 40°F to Under 100°F

### Tools & Equipments

|                      |                               |
|----------------------|-------------------------------|
| <b>Brush</b>         | Synthetic, Nylon or Polyester |
| <b>Roller</b>        | 3/8" Nap Synthetic Fiber      |
| <b>Airless Spray</b> | .017 to .019 Tip              |

### Available Package Sizes

|                                       |        |
|---------------------------------------|--------|
| 5 Gallon                              | Gallon |
| Quart                                 |        |
| (Weight Per Gallon:10.6 lbs. ± .5 lb) |        |

### Available Colors and Bases

|                             |       |
|-----------------------------|-------|
| Neutral Base                | White |
| Available in 0 stock colors |       |