

## Ultimate Cedar Solution M2201

**Description:**

A unique acrylic latex house paint primer based on exclusive Muralo stainblocking technology offering maximum protection against stain and knot "bleed thru" on all woods including cedar and redwood. It is recommended for use under latex house paints to provide a breathable total latex system. Doesn't just "cover up" – it actually inactivates stains for unparalleled results.

**Features:**

- Outperforms any primer in the market including oil-based primers
- Can be substituted for shellac to seal and touch-up knots.
- Protects against nail head rusting
- Sticks tight and stays flexible-resists blistering, cracking and flaking
- Dries fast- can be topcoated in 4hrs.
- Meets VOC/VOS rules. It is an environmentally safe product
- Offers better mildew resistance than oil-based primers
- Free of toxic solvent vapors and odor Non-Flammable.
- Can be tinted with universal tinting colors
- Superior flow and leveling for better appearance
- Spatter resistant – less waste and cleaner application
- Water clean up

**Recommended Uses:**

An ideal product to use to prepare, protect and seal new or bare wood surfaces such as siding, trim, wood railings, fences and outdoor garden furniture. It can also be used over previously painted surfaces wherever primer protection is desired.

**Surface Preparation:**

**Since staining tendencies of wood and actual conditions in the field vary greatly, follow label directions exactly for best results.**

All surfaces must be clean, dry and free of contaminants such as: chalk, mildew, dirt, dust, grease, oil or wax. Remove loose and peeling paint by scraping or wire brushing and wash the surface down with a high pressure hose. Dull smooth and glossy surfaces by light sanding.

**New or bare wood:** Spot prime knots, joints, cracks, splits, nail heads or holes with a scrubbing motion to cover all open ends. Apply Muralo Exterior Spackle to fill in larger holes or cracks before priming the entire surface. Over most woods only one coat is usually sufficient, however, over more active woods such as new redwood or cedar shakes a second coat may be necessary to ensure maximum protection. Generally priming backside of clapboards or shingles is not necessary, however, a coat of primer may be applied to back of the siding to protect against stain rundowns form behind the siding.

**Unpainted Weathered wood** always has unacceptable level of surface deterioration due to moisture, UV, temperature changes and biological attack by fungi and insects. It should first be treated to remove mildew and then scraped or preferably sanded to remove deteriorated layer of wood prior to application of primer.

**Mildew** must be scraped off and then washed down with a solution of 1 cup of household bleach and 1 cup of laundry detergent added to 2 ½ gallons of warm water. Allow to soak for 30 minutes. Rinse thoroughly with clear water and allow to dry before painting.

**Under Eaves and other protected areas** such as overhangs and porch ceilings are often covered with a residue of soluble salts which must be removed by washing with a detergent solution followed by clear water to ensure good adhesion.

**Mildly chalky** surfaces should be thoroughly washed with a high pressure hose and allowed to dry before priming. Use Muralo X-200 Oil Based Primer for moderate to heavy chalky surfaces.

**Previously Painted Surfaces:** Power wash to remove chalk and treat for mildew, if present. Scrape off any loose or peeling paint. Spot prime all previously stained areas and wherever paint is removed to bare wood.

Revised 2/2/2004

<b>Application:</b>	For best results, use; <b>Brush:</b> a good quality synthetic or nylon bristle brush <b>Roller:</b> Can be applied with roller on smooth flat surfaces <b>Spray:</b> May be applied with airless or conventional spray equipment. Tip sizes and atomization pressures will vary with the type of equipment used. Usually an 8 to 12 inch fan at a 1 foot distance is ideal for airless and can be obtained with a tip size from .015 to 0.018 inches. For conventional spraying usually a 0.02 to 0.1 inch nozzle with air cap to give a 4 to 12 inch fan at a distance of one foot, gives excellent results. Follow spray equipment manufacturer's recommendations.															
<b>Color:</b>	White															
<b>Viscosity:</b>	95+ 10 KU															
<b>Weight Per Gallon:</b>	10.25 + .015 pounds per gallon															
<b>Spreading Rate:</b>	350– 450 sq. ft. per gallon over most surfaces. Less on rough and textured surfaces															
<b>Dry Time:</b>	Dries in approximately two hours under normal conditions. High humidity and low temperatures will prolong dry time. Where 2 coats of primer are necessary allow 2 hours between coats. Allow primer to cure for 4 hours before applying the finish coat.															
<b>Flash Point:</b>	None water based paint															
<b>Freeze Thaw:</b>	Keep from freezing															
<b>Shelf Life:</b>	1 to 2 years depending on storage conditions															
<b>Federal Spec Equivalent:</b>	TT-P-001984															
<b>Fire Retardant Rating:</b>	N.F.P.A. class "A" when tested on non-combustible substrates															
<b>V.O.C. (V.O.S.)</b>	Contains max 250 gms./ltr. Or 2.1 lbs./gal VOC															
<b>Formulation:</b>	<b>Pigment*</b> Titanium Dioxide, Type II, III Silicates, Color Pigments <b>Vehicle*</b> Alkyd Resin Glycols, esters and water															
<b>Packaging:</b>	<table border="0"> <thead> <tr> <th></th> <th><b>Per Case</b></th> <th><b>Aprox. Wgt.</b></th> </tr> </thead> <tbody> <tr> <td>5 Gallon</td> <td>Single</td> <td>53 lbs.</td> </tr> <tr> <td>2 Gallon</td> <td>Single</td> <td>22 lbs.</td> </tr> <tr> <td>Gallons</td> <td>4</td> <td>43 lbs.</td> </tr> <tr> <td>Quarts</td> <td>6</td> <td>17 lbs.</td> </tr> </tbody> </table>		<b>Per Case</b>	<b>Aprox. Wgt.</b>	5 Gallon	Single	53 lbs.	2 Gallon	Single	22 lbs.	Gallons	4	43 lbs.	Quarts	6	17 lbs.
	<b>Per Case</b>	<b>Aprox. Wgt.</b>														
5 Gallon	Single	53 lbs.														
2 Gallon	Single	22 lbs.														
Gallons	4	43 lbs.														
Quarts	6	17 lbs.														
<b>Cautions:</b>	Keep out of reach of children. Keep away from heat and flame. Avoid prolonged contact with skin or breathing of spray mist. Close container after each use. Do not take internally. Use adequate ventilation. Keep from Freezing. Do not apply when temperature is below 50°F or if rain or condensation is expected within 2 hours.															

## **DISCLAIMER:**

The information contained herein is presented in good faith. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must take independent determination of suitability and completeness of information from all sources to assure proper use of these Materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

**NOTICE:** Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. Exposure to lead dust or fumes may cause 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 additional information, contact the USEPA/Lead information Hotline at 1-800-LEAD-FYI.