

LOG*1 COAT Stain: Application Guidelines



Surface Preparation: Identify the existing finish. If it scratches off easily, pressure washing with a cleaning solution (sodium percarbonate/TSP) with a proper technique may be all that is needed. For prior organic oil-based (i.e. Linseed oil), acrylic, or propylene glycol finishes, stripping, sanding, or media blasting may need to be performed (Not necessary with LOG1 COAT in the future!)

Remove any flaking, peeling, sheen, or water beading (mill glaze) so product can penetrate well. LOG1 COAT blends well with similar oil-based remnants (not linseed oil based) A clean surface is needed.

RE Pressure-washing: When pressure washing wood, prevent damage by using a power washer with at least 3500 PSI and 3.7 GPM, and always use a white (40-degree) tip. **Your technique is paramount:** Sweep consistently like a pendulum, always pulling away from the board. Never in one spot stop while spraying directly on the wood, as this causes immediate damage. Avoid wild back-and-forth motions to prevent unsightly marks. Instead, "land the plane"—start spraying just before your target area, sweep across, and lift off after you've passed it. Maintain an optimal distance of 6-10 inches from the wood, adjusting as needed based on your equipment, speed of stroke, and the wood's reaction. Always observe how the wood responds and adapt your approach to avoid "digging into" or "burning" the surface. Always stroke in the direction of the wood grain. **Always stay perpendicular with the wand so not to shred soft woods.**

Tools: Use a high-quality china bristle brush for application. A pole brush provides extended reach. Use a 6-inch or 9-inch plush roller (Prudy Colossus 3/4" nap is ideal) for application and back-rolling after spraying.

One Coat Application Only: Apply generously by hand, saturating the logs until they appear almost ready to run and are thoroughly coated. Back brush or back roll for even penetration. When spraying, achieve thorough saturation with multiple passes. Back roll or brush immediately after spraying each section.

Drying: LOG*1 COAT provides ample working time. Dripping is minimal unless over-applied. If running occurs just bankroll again. Use plastic sheeting to protect surfaces.

Finish: The finish is initially dark and lightens within a few days. Full cure takes approximately 30 days. Blotchiness will disappear as the wood oils cure.

Rain: Rain typically won't affect the finish after a few hours. Heavy rain spotting can be addressed by back-rolling with a 50/50 mix of mineral spirits and stain sealer after drying. Minor spots usually disappear during curing.

Caulking Tips for Your Log Home

- **Color:** Choose a caulk color that closely matches the anticipated wood tone after staining (slightly darker is usually better).
- **Timing:** Apply caulk before staining for best results. If caulking after staining, ensure the stain has dried completely.
- **Considerations:** Most caulks are acrylic and can bleed through semi-transparent stains. Avoid caulking small checks.