



The GL-6400/6800 Sealer/Topcoat System Application Directions

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Application Summary

I. General Directions*:

Correct application of the GL system will result in a superior finish that will:

- **Not Blister or Peel**
 - **Not Erode to Expose the Substrate**
 - **Not Chalk**
 - **Not Become Damaged when Dirt is Rinsed Off**
- Color may vary over time, depending on the orientation to sunlight exposure.*

** Additional Guidelines and details may be found on product labels, technical data sheets, material safety data sheets, and maintenance sheets.*

A. Preparation for the GL-6400 Sealer and GL-6800 Topcoat

1. Mix well and avoid aeration.
2. GL-6400 basecoat-sealer and GL-6800 topcoat are ready to use as opened but may be thinned using water.

B. Application

1. Optimum performance is achieved with 3 coats minimum (one (1) coat GL-6400 sealer and two (2) coats GL-6800 Topcoat. Additional topcoat layer can be applied if desired, but resulting color may appear darker.
2. The GL 6400 sealer and GL-6800 topcoat must be applied and allowed to fully dry only when the temperature of the surrounding air, surface, and coating is between 50° and 90° F.
3. Do not attempt to apply and dry either the GL-6400 sealer or GL-6800 topcoat outdoors during rain, fog or wet weather or when threat of such occurs.
4. Do not apply to a surface hot to the touch and, in the case of the GL-6400 sealer, on wood of excessive moisture content (hardwood species should be between 5% and 8%; sapwood and oily wood species should be between 12% and 18%).
5. The GL-6400 sealer is to be applied to a dry wood surface that has been pre-sanded or prepared such that it is free from oils and contaminants. Do not use a steel wool pad.
6. All layers should be applied at a wet thickness between 3.5 mil to 6.0 mil (the use of a wet film gauge is recommended). Coverage will be approximately 350 ft² to 400 ft² per gallon.
7. Taking care to follow the precautions and procedures above:
 - i. Apply one (1) coat of the GL-6400 sealer to the wood surface and allow it to dry. Once dry, the sealed surface may be either sanded prior to topcoat application or directly topcoated depending on the final surface smoothness desired. Do not use a steel wool pad.
 - ii. Two (2) topcoats of the GL-6800 topcoat are to be applied.

- The first topcoat application of the GL-6800 may usually occur within 30-45 min.
 - Apply the second GL-6800 topcoat layer upon dryness of first layer – a slight tack is normal.
- iii. Coat end grain heavily while avoiding dripping and sagging.
8. It is strongly advised to use a quality exterior, paintable caulk to seal seams, joints, gaps and voids in the construction of the siding. It is natural for wood siding to exhibit splitting, checking and stress cracking. The finish will not prevent the natural tendency of wood to dimensionally change. The occurrence of splitting, checking and stress cracking should be addressed using a caulk. A topcoat application can be made to the caulk, if desired.

C. Drying

1. Periods of high humidity, low temperatures, and/or application of thick coats will result in longer dry times. CIRCULATING WARM AIR WILL SPEED DRYING.

D. Clean-up

1. Clean immediately with warm water. DO NOT USE ORGANIC SOLVENTS.

E. Storage

1. Store at room temperature, not exceeding 100° F.
2. KEEP FROM FREEZING.

II. Maintenance:

A. Inspect

1. Annually inspect and touch-up areas showing wear due to abrasion from shrubs, trees, and natural elements.
2. In areas where bare wood is exposed, a seal coat application should be followed by two topcoat applications. The seal coat and topcoats may be “feathered-in” to blend with surrounding areas.
3. The occurrence of splitting, checking and stress cracking should be addressed using a caulk. A topcoat application can be made to the caulk, if desired.

B. Re-Coat

1. After 5 years of exterior, outdoor exposure a recoat of a single layer of the GL-6800 topcoat is necessary over the pre-existing GL-6800 topcoat.
2. In areas where bare wood is exposed, a seal coat application should be followed by two topcoat applications. The seal coat and topcoats should be “feathered-in” to blend with surrounding areas. Once all bare wood areas have been treated, then a full topcoat layer application should be made to the entire structure.
3. Prior to re-coating, clean the original coated surface using pressure water washing, dry, and lightly abrade with a ScotchBrite® pad.
4. Follow the precautions and procedures above for application.