



## **CRYSTAL URETHANE APPLICATION GUIDE**

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***The professional choice for a beautiful and durable finish on \*interior wood surfaces***

*\*may be used on some exterior wood doors and windows but restrictions apply*

**A durable finish that is UV, moisture and chemically resistant**

**Ideal for use on interior wood and windows, soffits, windowsills, wood floors, Interior wood siding or logs, wood cabinetry, wood interior trim or wainscot**

**DESCRIPTION:** Timber-Pro UV Crystal Urethane is the professional choice for wood finishing. It is ideal for use on interior doors and windows, windowsills, interior walls and floors. It can be used on both hardwoods and softwoods. This finish is UV, moisture and chemically resistant, and will not yellow with age. It is easy to apply and maintain. Crystal Urethane is milky-white when wet, but dries to a durable, crystal-clear finish and is available in Satin, Semi-Gloss and Gloss. Crystal Urethane may be applied to some exterior wood surfaces such as wood windows, doors, and soffits, etc as long as the wood is protected by large overhangs and not subject to water exposure. Apply our Log & Siding or Deck & Fence Formula stain first to wood windows and doors to provide ample sunscreen prior to use.

**COVERAGE:** On smooth wood, 400-500 square feet per gallon per coat. For best results and to achieve proper gloss levels, a minimum of 3 coats is recommended on new wood. On floors, 3 coats minimum, but 4-5 coats are recommended. Exterior doors or wood windows, 5 coats recommended over 2 coats of Timber-Pro UV transparent tone stain. On doors and windows all six sides of wood must be multiple coated and well sealed so moisture cannot get behind urethane.

**PREPARATION:** Proper surface preparation is the key to a professional-looking project and maximum performance. Apply to new wood or wood from which all previous finishes have been removed. New wood, if not being pre-stained with Timber Pro UV, should be sanded to desired smoothness, using successively finer grades of sandpaper (not steel wool), to remove all scratches and nicks. (For pre-stain sanding, see application guides for Timber Pro UV Log & Siding or Deck & Fence Formulas.) Remove all dust, wax, grease and other contaminants from wood. It is CRITICAL that the surface be clean and dry prior to application. If applying over Timber Pro UV stain or water based stain, allow the stain to dry at least 24-48 hours before applying Crystal Urethane, longer if the air temp is cold and humid. Do not apply over flammable oil based stains without testing first as some oil finishes cause this urethane to mottle and resist. Always experiment with a test patch in hidden area to determine if Crystal Urethane is compatible with the surface, especially if it has been stained or previously finished. Do not apply over failed or peeling and cracking finishes. If project requires more than one bucket of product, blend the buckets together first to achieve an even finish. May be thinned with a little water for spray application but avoid thinning product in general as it would require more coats to build film.

**IMPORTANT:** Wood must be quite dry before applying urethane. Previously applied Timber Pro stain or finishes must also be completely dry and non tacky before applying urethane over as a top coat.

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**APPLICATION:** Stir contents thoroughly before and during application. DO NOT SHAKE. On smooth wood, apply with a quality brush or pad. May be sprayed and will self level but if sprayed too liberally back-brushing is required, use a water dampened soft brush to back-brush. On wood floors, apply with a lambs wool or synthetic pad applicator. The gloss and build of the finish will vary depending on the porosity of the wood. Avoid over-brushing or flooding the surface with excessive product. Always maintain a wet edge to avoid lap marks. Allow finish to dry for a minimum of 2 hours between coats, longer in cooler humid temperatures. For best results, lightly sand wood between coats. DO NOT USE STEEL WOOL TO SAND. If applying over Timber Pro UV stain or water based stain, allow the stain to dry at least 24-48 hours before applying Crystal Urethane, longer if the air temp is cold and humid. Wait until after first or second coat of Crystal Urethane is applied before sanding – then sand between additional coats to achieve desired smoothness. Avoid creating airborne dust for 1-2 hours. Avoid heavy traffic for 72 hours. Do not install carpet over finish for a minimum of 4 days. Clean tools with soap and water.

**WARNINGS:** AVOID CONTACT WITH SKIN AND EYES. IF CONTACT OCCURS, RINSE WELL WITH COOL WATER. DO NOT APPLY WHEN TEMPERATURE IS BELOW 50° F OR MAY FALL BELOW 50°F FOR 48 HOURS AFTER APPLICATION. DO NOT ALLOW PRODUCT TO FREEZE. DO NOT SHAKE PRODUCT. AVOID THINNING PRODUCT. DO NOT USE STEEL WOOL TO SAND WOOD BEFORE OR BETWEEN COATS. DO NOT APPLY OVER FLAMMABLE OIL BASED STAINS OR URETHANE WILL RESIST AND BEAD UP. ALWAYS DO TEST PATCH FIRST.