

UDF-21™ FOR WOOD

APPLICATION INSTRUCTIONS

Thank you for your recent purchase of UDF Pro™. These comprehensive instructions should answer any questions you might have and ensure that your experience with this state-of-the-art coating is a successful one. When you read through these instructions first and follow them, you will enjoy a beautiful new deck surface that will last for years to come. Thanks again for your confidence in our products. Should you have additional questions, please visit our website at www.gulfsynthetics.com

COVERAGE: Each kit of UDF Pro™ is packaged in a five-gallon container for easy mixing. The kit contains two parts: (1) liquid resin and (2) dry chemistry. **YOU ADD** one gallon of exterior latex paint (any color of semi-gloss or high-gloss). A solid color acrylic stain is acceptable but will produce a flatter finish. With two coats applied, the coverage will be approximately 200 square feet per kit depending on surface porosity and texture.

IMPORTANT NOTE: This product is designed to produce results using the exact proportions provided in the kit and in compliance with the instructions written below. Variance from these proportions, either more or less, of the three ingredients mentioned above will not be warranted by the manufacturer.

SURFACE PREPARATION: For best results, we recommend the surface to be **CLEAN, DRY, DULL, and of MODERATE TEMPERATURE.**

CLEAN: Surfaces must be thoroughly clean, free of dirt, sealer or waxes, peeling paint, mildew, tar, mill glaze, efflorescence, grease or oily substances. Clean the surface by power washing, and allow substrate to **dry completely** for a minimum of 48 hours. **Do not use a Deck cleaning product because many contain solvents.**

DRY: The surface needs to be **thoroughly dry**. Test wood using a probe type moisture meter. No more than a 20% moisture content is recommended. For exterior projects, do not apply if precipitation is predicted in the next 24 hours.

DULL: Glossy, painted, or sealed surfaces must be dulled by sanding, to produce a profile for the UDF Pro™ coating to bond to. After sanding, clean surface of any loose debris.

MODERATE TEMPERATURE: For best results apply between 40° - 90°F. Do not apply if ambient temperature or the surface temperature is <40° or >90°F. If temperature is less than 40°F this product will cure too slowly or maybe not at all. If temperatures exceed 90°F, this coating may set too quickly. Additionally, do not apply coating if temperature is predicted to drop below 40°F within the next 24 hours.

PREPPING CRACKS AND NAIL/SCREW HEADS: UDF Pro™ is quite thick and will easily fill most small cracks. If existing cracks are excessive (over 3/8" deep and wide) use PermaCaulk™ or an acrylic latex caulk to infill before coating with UDF Pro™. For best results, countersink rusting nail or screw heads and apply PermaCaulk™ or an acrylic latex caulk to infill. Do not smear caulking on adjacent wood surface. Allow caulk to dry before applying UDF Pro™. See manufacturer's instructions for the proper application of these materials.

APPLICATION PROCEDURE FOR ONE KIT:

1. **Remove both wet and dry chemistry** from container.
2. **Empty liquid resin** into container.
3. **Add one gallon of semi or high gloss exterior latex paint** (any color) to resin. **A solid color acrylic stain** may also be used but will produce a flat finish. **Mix briskly for one minute.**
4. **Slowly add dry chemistry** while **mixing briskly with drill mixer (recommended Electric Drill) for 5 minutes.** Stir mixture to loosen up any dry portion from the bottom of container. Dry chemistry components should break down completely and mix should be smooth and viscous. Let the coating sit for **5 minutes**, then mix briskly for another **5 minutes**. The coating is now activated and should be used within 24 hours.
5. **Do not alter the chemistry of the product in any way by adding or subtracting material or by adding other ingredients (DO NOT ADD WATER).**
6. If you are working on a large area with more than one kit, mix each kit separately and then blend or ‘box’ together for color consistency.
7. Apply an initial coat between deck boards to cover edges and use typical ‘cut-in’ techniques around adjacent structures, etc. Cut-in with two coats. Allow to dry between coats.
8. **Allow UDF Pro™ to dry** to the touch, usually about 1 hour under recommended temperature and humidity. However, if it is very cool or very humid it could take longer and conversely; if it is warmer and dryer, it could take less time to dry.
9. **For best coverage, use a 3/4” nap paint roller and roll out the first coat** perpendicular to (against) the grain. This allows the coating to work into the cracks and splinters, filling them up and locking them down. Allow to dry completely before applying the second coat (approx. 30 minutes to one hour). Between coats reseal lid and keep out of direct heat. Stir product often during application.
10. **Apply second coat** in the opposite direction or parallel with the grain of the wood. The second coat is key to attaining the proper texture. A 3/4 nap roller will produce a more aggressive surface in the second coat. A 3/8 nap roller will produce a less aggressive surface in the second coat. Apply second coat immediately following the application and the drying of the first coat. **Be consistent in your technique.** Allow to dry.
11. Additional coats may be applied to build the final mil thickness, if desired. Mixed coating must be used within 24 hours.

CURE TIME: Light traffic use of the deck is within 6 to 8 hours of completed application. Full cure time is 24 hours.

CLEAN UP: Clean tools with water. Never dispose of excess coating while still in liquid state. Dispose of with accordance to all local, state, and federal guidelines. Buckets should be cleaned and re-used or recycled.

SUGGESTED MAINTENANCE: UDF Pro™ is washable. Some Leaves can cause Tanic acid staining. With a mild detergent soap and water solution and using a soft bristle brush, clean surface gently and rinse often and thoroughly (DO NOT use a detergent with a de-greaser).

(Revised 6/17/11)