HYDROCRYL™ ACRYLIC SEALER

HOW-TO GUIDE

PRELIMINARY TESTING

Before using the product for your entire project, try it out on a small, hidden area of the surface you'll be working on. This will let you see how it looks and if it's the right fit for your project.

PRE-APPLICATION

- **Clean:** The surface must be entirely free from dust, dirt, oil, grease, paints, glues, non-water-based acrylic sealers, curing agents, efflorescence, chemical contaminants, rust, algae, mildew, and other materials that could prevent proper bonding.
- **Cured:** Ensure the concrete or overlay is fully cured before application. Wait at least 28 days for new cement-based products.
- **Sound:** Only apply to cement-based products that are not flaking or spalling. The substrate must be structurally sound. For surfaces showing signs of delamination, use diamond grinding, shot blasting, or similar mechanical methods for removal.
- **Temperature:** For best results, apply Hydrocryl™ in temperatures ranging from 50°F (10°C) to 95°F (35°C).
- **Profiled:** Perform an absorption test to check if the concrete is ready for sealing. Pour water onto the concrete surface and wait for 3–5 minutes. If the water beads up, there's an old sealer: strip it first with **Destiny Stripper™** (HydroCryl only goes over a water-based sealer). If it soaks in slower than that, clean and etch with **CitrusEtch™** to open the pores of the concrete, then test again. If the concrete absorbs the water, it is ready for Hydrocryl™ application.



APPLICATION

WORK AREA PLANNING: Divide the work area into manageable sections. Use natural breaks like walls and joints to your advantage. Be mindful of maintaining wet edges to reduce the appearance of overlap marks.

APPLICATION STEPS:

For Rolling

- Use a 3/8" nap roller. Allow the roller's weight to apply the product without adding extra pressure, which could cause streaks and uneven coverage. Focus on applying thin, consistent layers.
- Before adding more product to the paint tray, shake the bottle for even consistency.

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COVERAGE

Estimated coverage is approximately **200 square feet (18.58 m^2) per gallon** for two coats. A third coat needs more product. Actual coverage rates may differ based on factors such as surface porosity, texture, the age and condition of the concrete, chosen application method, and prevailing environmental conditions.

DRYING AND RECOATING

- **Dry Time Between Coats:** Wait 1 to 2 hours, depending on environmental conditions.
- **Testing Dryness:** To check if the surface is ready for the next coat, press with your thumb (not your thumbnail); if it leaves a fingerprint, it isn't ready.
- **Coat Application:** Ensure the first coat is thoroughly dry before applying a second thin coat. The emphasis on thin coats is crucial for achieving the best finish and performance.
- **Recommended Coats:** Two thin coats are advised for best performance and durability.
- **Application Caution:** To prevent bubbling, hazing, and other imperfections, it is essential to apply the product in thin coats rather than heavy applications.
- **Foot Traffic:** Light foot traffic is fine after 1 to 2 hours (same thumb test). Normal use, pets, furniture, rugs and mats: wait 24 hours.
- **Vehicle Traffic:** Avoid vehicle traffic for 72 hours. The sealer reaches full cure in 7 days.

LIMITATIONS

- **Surface Compatibility:** Hydrocryl™ may experience adhesion challenges when applied to hard-troweled (machine-smoothed) surfaces or surfaces whose pores are smaller than the sealer's particles. This can result in the sealer drying without proper adhesion.
- **Avoid Liquid Contact During Curing:** Prevent any liquids, including sweat, from coming into contact with the uncured coating, as this can affect both the curing process and the quality of the finish.
- **Wear and Tear:** As with all water-based acrylic sealers, Hydrocryl™ is subject to surface wear. Its longevity and durability are contingent upon proper application to a suitably prepared surface, and will also depend on the volume and type of traffic.

MAINTENANCE

- **Exterior Surfaces:** Conduct regular inspections of sealed areas for signs of thinning or wear due to foot or vehicular traffic. Reapply sealer as needed to maintain protection and appearance.
- **Interior Surfaces:** Regularly examine surfaces for wear or thinning, particularly in high-traffic areas. Reapply the coating as necessary to preserve the surface's integrity and aesthetics. ProWax Polish™ is recommended as a sacrificial maintenance layer on interior sealed floors.

CLEAN-UP

Clean up with ProClean Degreaser™ and water.

DISPOSAL

For the disposal of any unused product, please refer to your local environmental or hazardous waste management authority to ensure compliance with local regulations.

SHELF LIFE AND STORAGE

Hydrocryl™ should be used within one year of purchase for optimal effectiveness. For storage, keep the product indoors, in a cool area away from direct sunlight and heat sources. Do not allow to freeze. Minimum storage temperature: 40°F (4°C).

SAFETY & PRECAUTIONS

CAUTION: Avoid contact with eyes and skin. Do not take internally. In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, flush thoroughly with water. If swallowed, do not induce vomiting. Call physician immediately. **KEEP OUT OF REACH OF CHILDREN.**

WARRANTY

Hydrocryl™, a proprietary product of Direct Colors LLC, is guaranteed to maintain uniform quality within the bounds of manufacturing tolerances. However, as we have no control over its application, no explicit or implied warranty is provided concerning the effects of such use. In the event of a proven defect, our liability is strictly limited to refunding the purchase price of the defective material. The user is responsible for all other risks and liabilities that may arise from the use of this product. For any inquiries, please reach out to Direct Colors customer service.