



REFLECTO SEAL

THE PREFERRED DECK SYSTEM: Is a durable, breathable, decorative concrete overlay system that provides a wear-resistant, protective barrier against the elements. Achieve a variety of colors and textures with anti-skid properties. The most popular finish is the Standard/ Lace/ knockdown pool deck texture, because it can be cooler than any other surface. Be advised that darker colors are hotter. Premium textures include simulated stone, wood, tile, and brick. There are **5 Steps** to installing the system (not all steps are always required):

- 1 – Prep the concrete
- 2 – Bond Coat
- 3 – Scratch Coat
- 4 – Texture Coat
- 5 – Color/Seal

Preferred Deck's **Reflecto Seal** is the heat reflective version of **Top Coat**, which are the two (2) pigmented sealer options for the Standard/ Lace/ knockdown pool deck texture (Step #5.) **Reflecto Seal** utilizes infrared (IR) pigments that have solar reflective properties, making the surface temperature cooler than a "standard" paint/sealer of the same color (when in the sun and over 95° F.) When used on commercial and residential buildings, it can help reduce heat gain and energy costs.

Reflecto Seal is a premium, water-based, UV stable sealer that can withstand the daily exposure to intense sunlight, foot traffic, pool chemicals, and puddling water. This kid/pet friendly product looks, feels, and applies like regular paint but is far more durable.

Reflecto Seal cures a matte to satin finish and is extremely versatile due to its excellent adhesion and abrasion properties. It can be applied to any previously painted (acrylic) surface that is in good condition (free from chalking or peeling.) When applied to porous substrates such as concrete, brick, block, pavers, bare/chalking stucco, or Kool Deck® (not previously sealed), it **MUST** first be primed with a Bond Coat/**Additive** to promote adhesion and prevent peeling. For alkaline soil conditions (or if efflorescence is present), use **EFF-Reducer** instead. Contact us for more details.

After **Reflecto Seal** is dry to the touch (or later), an additional layer of **Clear Coat Sealer** is required for high traffic/intense usage/ driveway/ commercial applications. This water-based clear sealer is highly beneficial, since it makes the deck easier to clean, increases stain and scratch resistance, and extends the life of the entire system. This is the **ONLY** approved clear sealer to use with **Reflecto Seal**, since it does not interfere with heat its reflective properties or make the deck slippery. Contact us or refer to Technical Data Sheet for details.

Preferred Deck's **Nonskid Grip** can be added and stirred into bucket of sealer before application if increased slip-resistance is desired. Consult Technical Data Sheet.

COLORS: Available in six (6) most popular **Top Coat** colors. Dusty Road, Navajo Cream, Baja Sand, Graystone, Grand Canyon, and New Sonoran. Custom colors not available.

LIMITATIONS:

- Do not apply in extreme conditions. **CONCRETE** temperature **MUST** be at least 50° F and ambient temperature at least 60° F and rising.
- Do not allow product to freeze until applied/fully cured.
- New concrete must be cured (with no "green spots") before applying - averages 30 days.
- Do not use Bond Coat/ **Additive**/ **EFF-Reducer** as a primer when simply "repainting" a Preferred Deck system (in good condition.)
- For bare metal (not previously painted), etch surface if needed and use appropriate high-quality metal primer.
- When resealing, confirm that previous sealer was a compatible **ACRYLIC** product. Delamination can occur with silicone, epoxy, or polyurethane sealers. Questions? Contact us.
- Previous coatings that are delaminating/peeling **MUST** be removed before application.
- Do not mix **Top Coat** and **Reflecto Seal** on the same project. Even though colors are the same, light refracts differently with these two sealers, making the colors appear dissimilar. Contact us for more information.
- Two (2) coats of **Reflecto Seal** must be applied at the correct coverage rate/mils to effectively reflect heat.

FINISH (ASTM D-523): Low Sheen. 5-7, 60° meter.
4-9, 85° meter.

RECOMMENDED FILM THICKNESS PER COAT: 5-7 mils wet.

VISCOSITY @ 77° F (ASTM D-562): 96 -100 KU

SOLIDS BY WEIGHT (ASTM D-2697): 39.65% (+/- 2%)

WEIGHT/ GAL. (ASTM D-1475): 9.6

PACKAGING: Available in one-gallon and 5-gallon sizes.

AVERAGE DRY TIME @ 77° F (ASTM D-1640):

To Touch: 1-2 hours. Recoat: 2-5 hours.

Dry/Recoat times vary greatly with weather conditions and film thickness - should **NOT** be tacky before application.

SURFACE PREPARATION: A properly prepared substrate is key. If applying entire Preferred Deck system, refer to **Aggregate** Technical Data Sheet. In general, apply **Reflecto Seal** to clean, dry substrate. Surface must be free of dirt, dust, debris, rust, wax, efflorescence, and all other contaminants. When resealing an existing Preferred Deck system, clean with a 3000-3500 psi pressure washer and good degreaser such as Preferred Deck's **All Purpose Deck Cleaner**. Let dry overnight. For prominent mineral/hard water deposits, surface should also be sanded. If loose, peeling, or chalky material/old paint is present, sand or scrape to remove. Use products that are compatible with this acrylic, water-based sealer to repair and seal any cracks, holes, or other imperfections before application. Follow instructions and consult manufacturer if needed. Use "paintable" products without silicone. Clean and sand patched areas, if necessary. Glossy surfaces, such as plastic expansion strips should be roughed up/etched to ensure a proper bond. For bare wood surfaces, use a water-based primer such as Kilz® (or similar). For uncoated metal surfaces, use a compatible metal primer.

CAUTION: Be aware that sanding or scraping paint from structures built before 1978 may release asbestos or lead particles. Additional precautions, equipment, and cleanup may be required. For more info, consult your local Health Department or the EPA's National Lead Information Hotline at 800-424-LEAD.

APPLICATION TEMPERATURES: SUBSTRATE temperature must be between 50-115°F, since extreme temperatures interfere with adhesion.

COVERAGE RATE: On Standard/Lace/ knockdown pool deck surfaces: approx. **100** sq. ft. per gallon (accounts for 2 coats.) Vertical applications: approx. **175** sq. ft. per gallon (2 coats.) Coverage rates vary, depending on application technique, weather conditions, surface texture and porosity. Thinner coverage rates will not effectively reduce surface temperatures.

For System Coverage Rates, consult *Estimator Sheet* at **prefdeck.com**.

APPLICATION: Can be brushed, rolled, or sprayed. When rolling, use 1/2" or 3/4 inch roller cover (depending on texture), and apply two (2) coats in opposite directions. Let first coat dry before applying second. When spraying, use a commercial-grade sprayer ONLY. For pool deck textures, most popular tip size is 621. For vertical applications, use 517. Two coats are typically applied in opposite passes/directions at the same time.

Thinning this product is NOT recommended for any reason. Extremely dark-colored substrates should be "whited out" first (before **Reflecto Seal** is applied) with one coat of Preferred Deck's **Light Base** to increase reflective values. Contact us for more information.

DRY/CURE TIMES: Varies with weather conditions. Can be tack-free in an hour when sunny/warm/dry. There should be no foot traffic, water exposure, or freezing temperatures for at least 48 hours after application. Do not place patio furniture (or other

heavy objects) on deck for at least 5 days (**Reflecto Seal** only.) Cold/ wet/ humid/ shady conditions increase dry/cure times. For information about entire System, refer to **Aggregate** Technical Data Sheet.

CLEAN UP: Clean tools/equipment with water.

MAINTENANCE INSTRUCTIONS: Reapplication times vary depending on traffic, water, and sun exposure. For commercial applications, averages 2-3 years. For residential applications, averages 4-5 years. Vertical applications, up to 10 years.

PACKAGING AND APPROX. SHIPPING WEIGHTS:

1-gallon pail: 10 lbs. / 5-gallon bucket: 52 lbs.

SHELF LIFE/ STORAGE: Two years in original, unopened bucket/pail. Store indoors, out of extreme conditions.

DISPOSAL: Refer to Safety Data Sheet and comply with all local, state, and federal regulations.

WARNING: Read, understand, and follow all labels, Technical Data Sheets, and Safety Data Sheets before purchasing product. Keep out of the reach of children. Aspiration Hazard: May be harmful if swallowed and enters airways. May cause respiratory irritation when inhaled. May cause damage to central nervous system through prolonged or repeated inhalation. Causes skin and serious eye irritation. Avoid contact with eyes, skin, and clothing. Avoid breathing dust/fumes/gas/mist/vapors/spray. Use only with adequate ventilation. Wash thoroughly after handling.

FIRST AID: EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention. SKIN: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops and persists.

WARRANTY: Products have a limited two year, non-transferable warranty. Consult **prefdeck.com** for full warranty details. All concerns are investigated by Preferred Deck Systems, LLC with the cooperation of the contractor who installed the products. These are professional-grade products. Warranty does not exist for homeowner/do-it-yourself (DIY) projects. Use at own risk.

DISCLAIMER AND LIMITATION OF LIABILITY: To the best of our knowledge, the information contained herein is accurate. The warranty described herein shall be in lieu of any other warranty, express or implied, including but not limited to, any implied warranty of merchantability or fitness for a particular purpose. There are no warranties that extend beyond the description on the face hereof. The Buyer's sole and exclusive remedy against Seller shall be for the replacement of the products or refund of the purchase price in the event that a defective condition of the products should be found to exist. No other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available to the Buyer. Buyer must give Seller notice in writing of any alleged defect covered by this warranty (together with all identifying details, including the Product Code(s), description, and date of purchase) within thirty (30) days of the discovery of the defect. Final determination whether the use infringes any patents, is the sole responsibility of the Buyer