



HEAT REFLECTIVE PAINT

Technical Data Sheet



DESCRIPTION: Preferred Deck's **Reflecto Seal** is a water-based, low sheen, UV stable, 100% acrylic exterior paint/sealer that utilizes infrared (IR) pigments that reflect a portion of the sun's hot rays. As a result, surface temperatures are cooler than standard paint of the same color. **Reflecto Seal** can help reduce heat gain and energy costs. For more details, visit www.reflectoseal.com.

Reflecto Seal provides a flexible, breathable barrier against the elements and does NOT contain elastomeric, which can trap moisture. Since this product was initially developed for pool deck surfaces, it is higher quality than most exterior paints. **Reflecto Seal** is chemically resistant and has easy soil-release properties. Due to excellent adhesion properties, it is an extremely versatile product. It can be used on wood, stucco, concrete, clay pavers, brick, block, and metal. In general, **Reflecto Seal** can be applied directly over any previously painted surface (that is in good condition and free of chalking/peeling), because it is compatible with most acrylic, water-based products. Do NOT use over products that contain silicone, epoxy, polyurethane, or oils/solvents.

Use Preferred Deck's **Additive** as a primer on POROUS, unpainted surfaces (such as uncoated concrete, brick, clay pavers, block or bare/chalking stucco.) For alkaline conditions (or if efflorescence is present), use Preferred Deck's **EFF-Reducer** as a primer instead. On tilt-ups (not previously painted), use **EFF-Reducer** instead of **Additive**. Do NOT use **Additive** or **Eff-Reducer** on painted surfaces that are in good condition; simply "repaint" with **Reflecto Seal**.

COLORS: Available in 3 standard colors. California White, Sand and Gray.

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 1-gallon and 5-gallon sizes.

AVERAGE DRY TIME @ 77° F (ASTM D-1640): Dry to Touch: 1-2 hours. Recoat: 2-5 hours. Dry/Recoat times vary greatly with weather conditions and film thickness. Do not apply second coat if first is still tacky.

COVERAGE RATE: Approx. **350-400** sq. ft. per gal. Two coats are always necessary. Coverage rates vary, depending on application technique, surface texture and porosity, and weather conditions. If the correct mils are not attained, reflectance values are dramatically reduced.

SURFACE PREPARATION: Apply **Reflecto Seal** to clean, dry substrate; thoroughly pressure wash and let dry overnight. If needed, check moisture content of substrate. Surface must be free of dirt, dust, debris, grease, oil, rust, corrosion, wax, efflorescence, and all other contaminants. For loose or peeling material/paint, wire brush, sand and/or scrape to remove. For concrete substrates (including tilt-ups), check for bond breakers or oils.

Patch/repair/seal all cracks, holes, or other imperfections before painting. Fill voids, seams, and joints (especially around windows and doors) with caulk to prevent water migration. Fix areas where water pools against exterior walls, since moisture can penetrate upwards and cause failures. Use "paintable" patch/caulk products that do not contain silicone and are compatible with this acrylic, water-based paint. Follow caulk/patch product instructions and consult manufacturer, if needed. Clean and sand patch areas, if necessary. When patching stucco, add **Additive** or **EFF-Reducer** to dry stucco patch material for better adhesion. Match existing texture using a rubber float.

For bare or badly-weathered wood surfaces, use a stain-blocking primer such as Kilz® (or similar). Use wood filler, if necessary.

SURFACE PREP (cont.): For new and unpainted metal (or if coated with glossy paint), sand/rough up/acid etch surface and use high-quality compatible metal primer to ensure adhesion. For previously painted metal (in good condition), simply apply **Reflecto Seal** (no primers necessary.) Do NOT paint warm metal surfaces in direct sunlight.

For brick, block, and cementitious substrates (including concrete, porous pool deck textures, and unpainted/chalking stucco), use Preferred Deck's **Additive** or **EFF-Reducer** as a primer. New cementitious substrates should be fully cured before application (average 30 days.) Call for details.

Carefully mask and protect ALL areas not being painted (especially from over-spray) with plastic, tape, drop cloths, and/or brown paper. Do not cover plant material with plastic. Do NOT use sprayer in windy conditions.

Call us for any application or surface preparation questions, if needed. **KEEP OUT OF THE REACH OF CHILDREN.**

NOTE: 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: Ambient temperature must be between 50-90°F. Surface temperature must be at least 50°F and rising. Do not apply in direct afternoon sun when temperatures can be extreme and interfere with adhesion. Do not allow product to freeze before application.

APPLICATION: Can be brushed, rolled or sprayed. If rolling, use a ½" or ¾" nap roller cover, depending on texture. When spraying, use a commercial-grade airless sprayer with larger tip size (such as 5/15, depending on substrate.) On rough substrates such as stucco, back-rolling may be beneficial. Two coats (applied in opposite directions) are suggested for all applications. Let first coat dry completely before applying the second. Thinning this product is NOT recommended for any reason.

SAFETY DATA SHEET (SDS): Consult before use at www.reflectoseal.com.

CLEAN UP: Warm, soapy water.

DISPOSAL: Refer to SDS & comply with local, state and federal regulations.

AFTER INSTALLATION: **Reflecto Seal** should not be exposed to rain (or water) or freezing temperatures for at least 24 hours after application. Cold, damp conditions can extend this time.

REAPPLICATION TIME: Varies greatly with type of application, sun and water exposure, substrate, and maintenance. In general, your property should not need to be repainted for at least 15 years (vertical application.)

WARRANTY INFORMATION: **Reflecto Seal** carries no warranty for the do-it-yourselfer/homeowner. Consult Safety Data Sheet (SDS) and this Technical Data Sheet before use. For questions, contact us directly at 888.440.3320.

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. Dispose of unwanted material per federal, state, and local regulations.