



AGGREGATE

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 **Aggregate** is the cementitious component of the system and is a blend of Portland cement, graded aggregates, and specialty additives that increase work time, enhance overall strength, and optimize dry/cure times. **Aggregate** is mixed with 100% acrylic **Additive** (the "glue" of the system) to create the Scratch Coat (Step #3) and Texture Coat (Step #4). This mixture is highly versatile and can be applied with a trowel, squeegee, or hopper/compressor unit.

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 material to freeze until applied/fully cured.
- Products not intended for wood substrates, underwater applications, or pool decks near saltwater systems.
- New concrete must be cured (with no "green spots") before applying this overlay system - averages 30 days.
- Do not expose unsealed Scratch and Texture Coats to water or dirty foot traffic.
- Completed projects – no exposure to water/foot traffic for 48 hours. Heavy furniture/vehicular traffic not allowed for at least 7 days. Cold/humidity extends time.
- Tech Sheets cannot cover all application details. Contact us about free in-person classes, instructional videos, and recommendations for your project.
- Honor all control joints. Do NOT fill with **Additive/Aggregate** mix. Contact us for better solutions.
- Texture Coat MUST dry overnight before applying Preferred Deck's **Decorative Concrete Stain** or a solvent sealer like Preferred Deck's **Southwest Seal**.
- In general, concrete and concrete overlays do not perform well when efflorescence is present. Call for info.

COLORS/ TYPES: For Standard/Lace/knockdown pool deck texture, use **Aggregate** color closest to selected **Top Coat/ Reflecto Seal** color. *White* is most popular for stained textures.

Regular Aggregate: Available in *White, Cream, Gray, Sand*.

Stamped Overlay: Available in *White*. Use with overlay mats.

Deck Patch: For surface correction.

SURFACE PREPARATION: Properly prepared concrete is key. Substrate must be structurally sound and free of dust, dirt, paint, deteriorating concrete, oil, grease, suntan lotion/oil, corrosion, wax, rust, efflorescence, or other contaminants. Remove all loose material, coatings, curing agents, and sealers. Clean area well using 3000-3500 psi pressure washer. If surface is not porous, concrete can be profiled by several different methods. Contact us for details. If substrate is unsealed, old-style cooler pool deck, also use degreaser such as Preferred Deck's **All Purpose Deck Cleaner**, since pores can be filled with grime and interfere with adhesion. After pressure washing, address cracks with acrylic-compatible product. Apply **Deck Patch** if needed (see below.) Let dry overnight. Next day, use leaf blower to remove dust and meticulously mask off areas. Contact us for more details.

DECK PATCH APPLICATION: To level up, adjust slope, and fix "bird baths" (or other large imperfections), apply Bond Coat to properly prepared repair area. Mix bag of **Deck Patch** into approximately one (1) gallon **Additive** to achieve thick, uniform consistency. One bag covers approx. 25 sq. ft at ¼" thickness. Trowel in desired area up to one (1) inch and feather edges. After material dries/appears mottled, flatten with floor scraper. Clean up loose material. For thicker patches, apply in layers. Small hydration cracks can occur, which fill in later with Scratch Coat. Let dry and apply the complete Preferred Deck system.

BOND COAT APPLICATION: Spray or roll on Bond Coat (**Additive**) with 1/2 inch nap roller cover. For alkaline soil conditions (or if efflorescence is present), use Preferred Deck's **EFF-Reducer** as Bond Coat instead. If previous coatings failed (or if aggregates/concrete powder is visible), a pretreatment product is necessary instead of Bond Coat. Contact us for details.

SCRATCH COAT APPLICATION: Using an egg-beater paddle/drill, blend one bag **Aggregate** into approximately two (2) gallons **Additive** to achieve a thin, uniform consistency. Water-based universal colorants can be added into mix to change the color, if desired. Use pool trowel/squeegee to evenly spread out at 1/16 – 1/8 inch for approximate coverage rate of 100 sq. ft. per bag. Let dry and remove imperfections using floor scraper. Blow off debris and apply Texture Coat of your choice.

TAPED APPLICATIONS: For wood, tile, or brick textures, apply fiber tape to thoroughly dried Scratch Coat to create simulated grout lines. Use T-square/tape measure, cheating tape lines if needed, since some slabs are not square. Tape one direction first, then the other. Apply Texture Coat (see details below.) As a rule, pull tape either right away OR the next day. Removing tape in-between these times can result in pulling off more Texture Coat than desired (past grout line area.) Clean up loose material before leaving and let dry overnight.

TEXTURE COAT APPLICATION: Using an egg-beater paddle/drill, blend one bag **Aggregate** into approximately 1 ½ gallons **Additive** to achieve a uniform consistency. Water-based universal colorants can be added into wet mix to change color, if desired. Application tool for Standard/Lace Texture is a hopper/compressor unit. Premium Textures achieved with a pool trowel. Squeegees not suggested, since smooth textures can be slippery.

STAMPED OVERLAY TEXTURE APPLICATION: Mix bag of **Stamped Overlay** into approximately one (1) gallon **Additive** to achieve a thick, uniform consistency. Too much **Additive** in mix can cause hydration cracks. Each bag covers approx. 25 sq. ft. Using control joints as a guide, spread out material with ¼ inch gauge rake to ensure consistency. Thicker applications produce hydration cracks. Let material slightly set up. Spray Preferred Deck's **Scented Liquid Release** on OVERLAY mat and wet material to prevent sticking. Imprint texture/grout lines section by section using hands (or feet by standing on mats.) Do NOT use tampers (for actual concrete only.) Stop stamping in breezy conditions - hydration cracks can form in texture. Keep material out of joints. Watch instructional video for more info.

COVERAGE RATE: Consult **Estimator Sheet** for project usage. Scratch Coat – approx. 100 sq. ft. per bag. Texture Coat varies, from 25-100 sq. ft. per bag. Maximum ¼ inch thickness.

LIGHT SANDING/ SCRAPING: After Texture Coat is dry, lightly sand/scape to remove surface imperfections. Blow off debris and apply Stain/Sealer. Contact us for details.

COLOR/SEAL: For Standard/Lace/knockdown pool deck texture, seal with **Top Coat Color Sealer** or the heat-reflective version called **Reflecto Seal**. Consult Tech Data Sheets for info.

For premium Texture Coats (stone, wood, tile), let material dry overnight. Apply Preferred Deck's **Decorative Concrete Stain** the next day. Once color effect is achieved and tack free, water-based sealers such as Preferred Deck's **Clear Coat Sealer** can be applied immediately. Extra drying time may be necessary for solvent sealers, such as Preferred Deck's **Southwest Seal**, or compatible solvent acrylic-polyurethane sealer. Consult product Tech Data Sheets for more info. Sealer choice is critical for each project's demands. Contact us for recommendations. Add Preferred Deck's **Nonkid Grip** (or similar) in last coat of sealer to increase slip resistance.

For taped applications, “grout lines” are brushed in by hand with **Top Coat** color of your choice. *Dove Gray* is the closest to actual grout color. Consult Tech Data Sheet for details.

PACKAGING / SHIPPING WEIGHTS: 50 lb. bags

DRY/ CURE TIMES: Vary due to weather/other factors and are greatly extended with cold/rainy/humid conditions. In warm weather, small projects with Standard/Lace/knockdown pool deck texture can be applied all in one day. During the curing process, coating will be “tender” so do not expose to heavy furniture, scraping of metal, intense impact, or similar. Efflorescence/blushing/white areas in the deck are normal in winter months, especially with alkaline soil conditions. Often the best remedy is to wait for coating to cure on its own. Sunny/ warm/ dry conditions make all coatings cure faster. Contact us for details.

CLEAN UP: Most products in system are water-based. Clean tools/ equipment with water before **Additive/Aggregate** mix hardens.

MAINTENANCE: Wait to clean the Preferred Deck system until fully cured, which can be several weeks, especially in cold temperatures. Sweep as needed. Pressure wash with mild detergent and rinse away. For areas with hard water deposits/ efflorescence, minimal rinsing is suggested. Contact us for more details. Commercial areas need a regular maintenance program. Reseal time depends on many factors – minimum every five (5) years to keep surface sealed and protected.

SHELF LIFE/ STORAGE: Two years in original, unopened bag. Do not expose **Aggregate** to water or high humidity, since “rocks” can form, even in unopened bag. 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 products. Keep out of the reach of children.

FIRST AID: INGESTION: Obtain medical attention at once.

EYE CONTACT: Flush with clean water for 15 minutes and obtain medical attention. **INHALATION:** Remove to fresh air and obtain medical attention. **SKIN CONTACT:** Wash with soap and water. Obtain medical attention if irritation is severe or persistent.

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.