



# NewLook International, Inc. Concrete Color CoolStain™

## Technical Information Sheet

NewLook International, Inc. Concrete Color Stains™ are polymer-modified, water-based, high-quality products made especially for use with existing, unsealed, interior or exterior concrete surfaces. They penetrate the surface of concrete and form a breathable finish that requires no sealer. Please read the Technical Data Sheet, MSDS, and instruction manual of NewLook products before attempting to use them.

CoolStain™ is opaque and can be used to restore previously colored surfaces or to rejuvenate old, tired-looking concrete by covering discolorations or stains. It can be used on concrete flatwork, concrete blocks,

pavers, imprinted concrete, micro-toppings, overlays, and other cement-like surfaces. CoolStain uses specially infrared reflective pigments; the technology results in high solar reflectance and high thermal emittance.

The net benefit is that CoolStain will reduce the stained concrete surface temperature anywhere from 15° - 50° Fahrenheit depending upon the color selected and the opacity of the stain. Reduce the urban heat island effect.

Ideal for pool decks, theme parks, driveways, and patios. This is a patent-pending technology only available from NewLook.

### USES AND BENEFITS

- NewLook products are ideal for driveways, garage floors, pool decks, offices, restaurants, hotels, theme parks, shopping malls, schools, and other high traffic areas. They may be used for interior or exterior and residential and commercial applications, although the reflective properties of CoolStain will not be advantageous indoors.
- NewLook CoolStain is available in a variety of standard colors. View the NewLook Color Chart for standard colors, including Caramel, Cowboy Dust, Light Oak, Buffalo Brown, Sierra, Spanish Clay, Porcelain Blue, Harvest, Light Cork, Fresco and Sand. Color matching available for a fee.
- NewLook products can be used to create specialty decorative designs with stencils. **Note:** To avoid bleeding under stencils, NewLook products must be applied in very light applications with an appropriate hand brush.

### PREPARATION PRIOR TO APPLICATION

- NewLook recommends using the following preparation methods to achieve a surface profile of CSP 1 or 2 as described by ICRI guidelines.
- All debris, loose concrete, coatings, paints, oils, release, etc. must be removed (Including "cure and seal" products).
- At a minimum, proper pressure washing is required to ensure the concrete pores are open and to remove obstructing particles, which includes, but is not limited to: dust, dirt, and curing residue. If pressure washing is not an option, such as interior areas, preparation may be required, e.g. light acid, grinding, stripping, etching, etc.
- New Concrete (up to 4 years old) must cure for a minimum of 28 days (in warm weather conditions) and may take longer in cold weather conditions. The concrete then must be lightly acid washed with EcoAcid™, followed by pressure washing per industry standard. New concrete should be treated differently because the curing or hydration process can affect the adhesion of any coating and requires more preparation to combat discoloration, dusting, efflorescence, etc.
- Use a hot or cold water pressure washer with NewLook Concrete Degreaser™ when oil or other types of stains are present.
- On set overlay or micro-topping, apply CoolStain right away. If CoolStain is not applied several days after the overlay has been set, lightly clean the surface. If overlay is not porous and/or a release has been used, a light acid wash with EcoAcid is required.
- Do not apply CoolStain when heavy condensation, hydrostatic pressure, or high moisture can occur, which can compromise the bond.

### APPLICATION PREREQUISITES

- NewLook strongly recommends representative jobsite samples. Different sections must be tested to determine suitability, adequate coverage, and final appearance.
- Protect any walls and adjacent areas where staining is not desired.
- Temperature of concrete surface should be between 50°F rising and 90°F and cooling.
- The concrete surface may be slightly damp when applying, but all standing water must be removed prior to installation.
- Do not use when hydrostatic pressure is excessive.

### Mixing Instructions

1. Empty the entire contents of Bottle A and Bottle B into a bucket (3-gallons or larger) and mix thoroughly. Let sit for 5 minutes.
2. Empty the contents of Bottle C
3. Refill Bottle C with water, shake well, and empty the water into the bucket for a total of 4 times.
4. A mixer attached to a power drill can be used to blend the product.

**IMPORTANT:** The pigments must be mixed thoroughly. Make sure to scrape the bottom and sides of the bucket with a bristle brush to ensure thorough mixing.

### Application Instructions

1. Always complete a jobsite sample.
2. Dip the Applicator Brush into the bucket, submerging the head in a swirling motion to prevent pigments from settling on the bottom of the bucket. This must be done each time the applicator is put into the bucket.
3. Begin applying stain in a figure-eight motion. Do not apply pressure; allow the Applicator Brush to naturally spread the stain as far as it will go, leaving no puddles. Apply evenly.
4. Back-brush or re-broom until the entire area is uniform in color and almost dry. Re-brooming does not necessarily require applying additional product to surface. When concrete temperature is cooler, wait a moment before beginning to re-broom.
5. Pay close attention to joints and corners. Footprints or areas of poor coverage can be corrected by simply brooming these areas over again. Let each application dry thoroughly before doing additional applications. See CURING section.

**PLEASE NOTE:** During the application process, the mixture must be stirred from the bottom of the container to keep the pigments suspended.

### MAINTENANCE

- Regular cleaning with NewLook Concrete Cleaner™ is recommended. Lightly scrub the area with a window washing brush. Rinse thoroughly and allow the area to dry.
- The application surface should be inspected periodically for thin or traffic-worn areas. Reapply as needed with a maintenance application.

### STORAGE

- Store product indoors, away from heat, moisture, and direct sunlight.
- Keep containers tightly sealed.
- DO NOT allow product to freeze. Frozen material CANNOT be used when thawed. Mixed material cannot be stored for future use.

### LIMITATIONS

- It is HIGHLY recommended to wait 30 days prior to parking vehicles on a new application of CoolStain. The heat from the tires may cause delamination. Brand new tires may require protecting the surface for a longer period of time.

- Inconsistencies in jobsite conditions, mixing and application methods, finishing techniques, curing methods or other local conditions may produce variations in the final appearance and adhesion.
- CoolStain is not recommended for pre-sealed or dense surfaces, including glazed tile, marble, granite, brick, dense slate, or terrazzo.
- NewLook products should be applied to concrete that has fully cured. New concrete (up to 4 years old) must cure for a minimum of 28 days (in warm weather) and may take longer in cold weather. New concrete should be treated differently because the curing or hydration process can affect the adhesion of any coating and requires more preparation.
- Some CoolStain colors may require more than the average 2 applications to achieve desired opacity.
- CoolStain will not change concrete texture, repair cracks or patches or prevent any foreign material from penetrating or soiling the substrate.
- Color consistency and uniformity requires proper mixing and application.
- ALL NEWLOOK CONCRETE COLOR STAINS: Adhesion problems will occur if used on any surface that will prevent product from penetrating and bonding to the concrete substrate, including soiled, sealed, dusting, spalling, or painted surfaces.
- Product must not be applied when the temperatures are falling below 50°F or rising above 90°F.
- It is strongly recommended that the NewLook Applicator Brush is used to apply CoolStain. Failure to do so can result in improper application and undesirable results.
- Mixed stain kits must be stirred thoroughly throughout application to maintain pigment suspension.
- Shelf life of CoolStain is approximately 18 months.
- Mixed kits must be used within approximately 3 to 5 hours.
- Due to viscosity, use extra care when applying to vertical surfaces.
- Do not use painter's tape on stained concrete or NewLook sealers as it may pull up color or curing material when removed.

**CAUTION**

KEEP AWAY FROM CHILDREN AND ANIMALS. Before using or handling, read the MSDS and Product Instructions. DO NOT CONSUME. Avoid contact with eyes and skin. Wear rubber gloves, aprons and safety eye goggles. Use good hygiene when handling this product. It is recommended that you wash and bathe after each use.

**PACKAGING AND COVERAGE**

Kit Type	Kit Size	Number of Bottles	Bottle Size	Labels	Coverage (Sq Ft.)
Solid Color CoolStain	Large	3	32 oz. (946 ml)	A, B, C,	250- 400 Sf. Twice (Average of 350 Sf.)*
	Small	3	2 oz. SAMPLE	A, B, C,	23 Sf. Twice

All Kits Contain Instructions.

\*Coverage is based on an average of 2 applications.

\*\* Coverage is based on the porosity and moisture content of the substrate.

**WARRANTY**

NewLook International, Inc. Concrete Color Stains ("Product") are not intended for public use and are intended for use by licensed contractors and installers, experienced and trained in the use of these products. Product is warranted to be of uniform quality within manufacturing tolerances. The manufacturer has no control over the use of Product, therefore no other oral or written representation or statement of any kind, express or implied, now or hereafter made is authorized or warranted by NewLook International, Inc. or its affiliates, and NewLook International, Inc. and its affiliates hereby disclaims all such warranties, including those of merchantability or fitness for a particular purpose. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven to be defective. NewLook International, Inc. shall not be liable for special, incidental, or consequential damages, including delays or lost profits. Communication of this warranty and its limitations to end users is not the responsibility of NewLook International, Inc. but should be communicated by those in direct contact with the end user. Any claim regarding product defect must be received in writing within one year from the date of manufacture. No claim will be considered without such written notice or after the specified time interval. The end user shall be responsible for determining Product's suitability and assumes all risks and liability.

**ARCHITECTURAL SPECIFICATIONS**

**NEWLOOK INTERNATIONAL, INC. SOLID-COLOR STAIN™**

Suggested Short Form Specification:

All concrete flatwork designated as being colored with an opaque cementitious stain in the plans and specifications shall be colored with *Solid Color Stain*, manufactured by NewLook International, Inc., Salt Lake City, UT, 877-763-9566 in accordance with the NewLook International, Inc. Concrete Color Stain Technical Information Sheet, using any of the available colors and a minimum of \_\_\_\_ kit(s) per average of 350 square feet for at least two applications.

**NEWLOOK INTERNATIONAL, INC. COOLSTAIN™**

Suggested Short Form Specification:

All concrete flatwork designated as being colored with an opaque cementitious stain that minimizes heat build in the plans and specifications shall be colored with *CoolStain*, manufactured by NewLook International, Inc., Salt Lake City, UT, 877-763-9566 in accordance with the NewLook International, Inc. Concrete Color Stain Technical Information Sheet, using any of the available colors and a minimum of \_\_\_\_ kit(s) per average of 350 square feet for at least two applications.

**NEWLOOK, INTERNATIONAL, INC. TRANSLUCENT COLOR ENHANCER STAIN™**

Suggested Short Form Specification:

All stained surfaces designated as being antiqued or tinted with a translucent cementitious stain shall be colored with *Translucent Color Enhancer Stain*, manufactured by NewLook International, Inc., Salt Lake City, UT, 877-763-9566 in accordance with the NewLook International, Inc. Concrete Color Stain Technical Information Sheet, using any of the available colors and a minimum of \_\_\_\_ large kit(s) per average of 300-600 square feet.

**NEWLOOK, INTERNATIONAL, INC. TRANSLUCENT COLOR DESIGNER SERIES ENHANCER STAIN™**

Suggested Short Form Specification:

All stained surfaces designated as being faux-finished with an environmentally-friendly translucent cementitious water-based stain shall be colored with *Designer Series Translucent Enhancer Stain*, manufactured by NewLook International, Inc., Salt Lake City, UT, 877-763-9566 in accordance with the NewLook International, Inc. Concrete Color Stain Technical Information Sheet, using any of the available colors and a minimum of \_\_\_\_\_ large kit(s) per average of 300-600 square feet.

NEWLOOK INTERNATIONAL, INC. PRODUCTS available through: