



# REFLECTIVE FLOOR®

## REFLECTICOLOR CLEAR

High Performance  
Tintable Lithium Coating  
**WATER-BASED**

**ReflectiCOLOR CLEAR** is a high performance water-based tintable coating system designed to use for both indoor and outdoor applications such as concrete, asphalt, terrazzo, stone, and masonry surfaces.

**ReflectiCOLOR CLEAR** is formulated using lithium technology creating a breathable, durable, and insoluble bond with the substrate that provides superior abrasion resistance and out-performs other similar types of products such as acrylics, epoxies, or urethanes in durability, adhesion, and longevity. Also provides long lasting protection against dusting, abrasion, stains, deterioration and chemical attack. When color-tinted, ReflectiCOLOR CLEAR provides a solid, uniform coverage making it ideal for traffic and safety marking lines, lanes or logos.

**ReflectiCOLOR** can be re-coated, and easily cleans up with soap and water. Low in VOC's and is eco-friendly. ReflectiCOLOR conforms to TT-P-1952D Type I (normal conditions) and Type II (adverse conditions), as well as most state specifications.

### TECHNICAL INFORMATION

Appearance / Color	Liquid/ Clear
pH	11 - 12
VOC Content	<50 g/L
Flash Point	N/A
Freezing Point	32°F (0°C)
Shelf Life	1 Year, Unopened

### ESTIMATED COVERAGE RATES

350 - 400 SF / Coat - Applications: MINIMUM 3 Coats to Achieve Opaqueness

Coverage rates and drying times will vary due to the concrete's porosity, humidity and temperature of the environment's ambient conditions. \*Light colors will require additional coats.

### PACKAGING

1 Gallon Pail // 3.79 L

5 Gallon Pail // 18.93 L

### STORAGE & HANDLING

Store in a well ventilated, cool, dry area, out of direct sunlight. Must not be allowed to freeze. Maintain unused product in the original, unopened container. Shelf life is 1 year in unopened container in controlled environments.

### ADVANTAGES

- Out-Performs Epoxies, Urethanes, & Acrylics
- Chemically Bonds Color Pigments to Substrate
- Abrasion & Stain Resistant
- Breathable ~ Allowing Vapor Transmission
- UV Additives: Will Not Yellow
- Easily Repairable: Sand & Reapply
- Will Not Flake or Delaminate
- Low Odor & Fast-Drying
- Easy Maintenance
- Colorant Used in ReflectiUV Floor System
- Eco-Friendly Alternative to Solvent-based Systems
- VOC Compliant: May Contribute to LEED® IEQ Credits

### STANDARD COLORS



Colors may vary depending on the condition of the concrete being treated.

Contact Reflective Floor or your Sales Rep for technical support regarding ReflectiCOLOR custom tinting.





# REFLECTICOLOR

HIGH PERFORMANCE TINTABLE LITHIUM COATING

## PRE-SURFACE TESTING

**MOCK-UP:** A mock-up is highly recommended in order to determine equipment, tooling selection for surface prep, coverage rates, number of applications to achieve desired color, application methods, and overall appearance.

## SURFACE PREP

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. Surfaces should be clean and dry and free from loose or peeling paint. Use ReflectiCLEAN Cleaner or equivalent. Do not use citrus or acidic based cleaners. **NOTE:** Improper surface prep could cause cracking or other defects or blemishes could be created during the curing process.

**Removing Grease & Oils:** According to ASTM D4258-83 and remove release agents according to ASTM D4259 – 88. Refer to SSPC-SP13/NACE No 6 mechanical or chemical surface preparation methods for preparing concrete to suitable cleanliness for intended service.

**Removing Existing Coatings:** Prepare surfaces using SSPC-SP12/NACE No. 5 low pressure water cleaning methods to remove surface contamination. Supplement SSPC-SP 12 LPWC with SSPCSP1 solvent cleaning and SSPC-SP2 and 3 to clean areas of corrosion and loose or flaking paint (feather edges of sound, existing paint back to a firm edge). Sand glossy surfaces to provide profile.

**JOINTS & SURFACE REPAIR:** Fill control joints using UltraJOINT FILL 85. ReflectiCOLOR CLEAR does not provide any structural value for surface defects, therefore it will not bridge cracks, fill larger voids, pinholes or spalls. If any of these defects exist in areas to receive color, use UltraGROUT 3 before the last diamond grinding step.

**GRIND:** Prepare surface using the exact equipment and diamond abrasive used in the mock-up. Create a smooth but porous surface profile using a planetary grinder, or a shot blasting machine. Ensure the surface has been fully processed with a 50-100 grit hybrid diamond. **Note:** Do not use diamond abrasives higher than a 100 grit semi-metal/hybrid/transitional profiling diamond.

**CLEAN:** After surface prep is complete, auto scrub the surface with clean water until the rinse water runs clear. Mask areas that do not receive ReflectiCOLOR CLEAR to protect from over spray.

## APPLICATION DIRECTIONS

Do not apply when air or surface temperatures are below 40°F (4°C), or when the relative humidity exceeds 85%, or when the temperature falls below the dew point.

**MIXING:** Thoroughly mix product immediately before applying, using a power mixer with a paddle for 2-3 minutes. Failure to mix well before use will not produce a smooth, uniform color. **NOTE:** *If there is a need to add/combine any leftover material with a newly mixed pail, make sure to power mix these two materials together before applying.*

Contact Reflective Floor or your Sales Rep for technical support regarding ReflectiCOLOR CLEAR custom tinting.

Application of a physical sample prior to treating the entire surface is recommended. Use the same coverage rates, number of applications, and processes that were determined in mock-up.

**COLOR APPLICATION:** Apply ReflectiCOLOR CLEAR using a 1/2" - 3/4" nap roller, coating the entire area. Apply enough coats to produce the desired color, will typically be 2 -3 coats. Light colors will require additional coats. (*Sprayers can be used but low nap rollers are most effective.*)

Each coat has to dry completely before the next coat is applied. Drying times in normal conditions would be about 1 hour. After the final coat of ReflectiCOLOR CLEAR has been applied, allow it to dry completely, a minimum of 2 hours (overnight is ideal). Surface is ready for use when completely dried.

*Drying times may vary due to the humidity and temperature of the environment's ambient conditions.*

For added gloss, durability and protection, apply ReflectiFINISH Sealer or ReflectiUV Coating.

**ANTI-SLIP/HIGH-FRICTION SURFACES:** Sprinkle anti-slip aggregates or reflective glass beads (120 mesh) immediately on wet surface.

Proper application is the responsibility of the user.

## CLEAN UP // DISPOSAL

Use soap and water. Any product that cannot be saved or recycled should be triple rinsed and disposed of according to local, state, and federal regulations.





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## MAINTENANCE

Routine clean with ReflectiCLEAN Cleaner using a micro fiber mop or auto scrubber equipped with soft pads. DO NOT USE cleaners that have butyl compounds or citrus.

## SAFETY & FIRST AID



**WARNING:** May be harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. May be harmful if inhaled. Keep out of reach of children.

Wash hands thoroughly after handling. Wear protective gloves and clothing, eye and face protection. Wear respiratory protection.

**IF SWALLOWED:** Call a POISON CENTER or doctor or physician if you feel unwell. DO NOT INDUCE VOMITING.

**SKIN:** Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.

**EYES:** Flush with water immediately for 15 minutes. Remove contact lenses if present and easy to do, continue rinsing.

**INHALED:** Move victim to fresh air and keep at rest in a position comfortable for breathing.

Do not handle until all safety precautions have been read and understood. Consult the product's Safety Data Sheets (SDS) for further details regarding safe use of this product.

**24 Hour Emergency Telephone: INFOTRAC**  
**(800) 535-5053 (US & Canada)**  
**(352) 323-3500 (International)**

## WARRANTY

Reflective Floor® solely and expressly warrants that for 12 months from the date of purchase of Reflective Floor® products shall be free from defects in materials and workmanship, but only to the extent that the product is properly installed only by Reflective Floor® Certified Installers in accordance with its product literature and in strict compliance with the installation information and instructions in the product literature and label(s). It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer does not have control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing the proven defective Reflective Floor® product. The end user shall be responsible for determining product's suitability and assumes all risks and liability.



**CUSTOMER SERVICE**  
**+1 856-REFLECT (733-5328)**



FOR MORE INFORMATION AND PRODUCT SPECIFICATIONS: Visit us at  
**[www.ReflectiveFloor.com](http://www.ReflectiveFloor.com)**

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