



REFLECTIVE FLOOR®

ARCHITECTURAL POLISHED CONCRETE SYSTEMS

REFLECTICUT® CUTTING & REFINING ENHANCER

COLLOIDAL SILICA TECHNOLOGY

ReflectiCUT® Concrete Cutting & Refining Enhancer is a uniquely designed formulation providing multiple benefits. When wet cutting, ReflectiCUT® mixes with the concrete dust creating a chemically reactive slurry composed of extremely fine-grit abrasives which enhances and maximizes the diamond's cutting capabilities. Rather than creating deep scratches from aggressive abrasives, this refining compound helps the tooling to shave layers off the surface rapidly and consistently.

During the first cut, the reactive slurry also creates a self-grouting compound that chemically bonds back to the surface where it continues filling micro pinholes and heals surface crazing, making it ideal for substrates that are imperfect or damaged.

ReflectiCUT® is ideal and highly recommended to use on all types of substrates. Using ReflectiCUT® will ensure a uniform foundation is created so the finished floor exceeds expectations. ReflectiCUT® also benefits your project's bottom-line by saving money, time, and labor costs.

TECHNICAL INFORMATION

Color / Odor	Clear / Slight
pH	10.8
VOC Content	<50 g/L
Flash Point	Not Flammable
Freezing Point	32°F (0°C)
Shelf Life	18 Months, Unopened

APPLICATION RATES

400 to 600 SF / Gal. (9.8 - 14.7 m²/L)

Coverage rates and drying times will vary due to the wide variety of differences in concrete's quality, porosity, temperature, and relative humidity.

STORAGE & HANDLING

Do not allow product to freeze. Store in a cool and dry location. Maintain temperatures between 40° - 100°F (4° - 38°C). Do not alter or mix with other chemicals. Store in original labeled container.

ADVANTAGES

- Fast Reacting Colloidal Silica Formulation
- Faster Surface Refinement
- Enhances Tooling Cutting Capabilities
- Maximizes Tooling Life
- Self-Grouting System for Exact Color Matching
- Fills Micro-Voids & Heals Surface Crazing
- Reduces Labor + Project Down Time + Money
- Extends the Life & Performance of Concrete Floors
- Significantly Increases Sub-Surface Density & Hardness
- Zero VOC
- Sustainable System

PACKAGING

5 Gallon // Pail

55 Gallon // Drum

275 Gallon // Tote

To further enhance ReflectiCUT's Capabilities, use **Reflective Floor REFYNE Tooling** which has been designed and engineered with the latest 'Cutting Edge' Technology that essentially shaves layers off the surface rather than creating scratches from aggressive abrasives.



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Reflective Floor® Wet Polishing System is a methodical process requiring the use of all certified ReflectiFLOOR® products and Reflective Floor® REFYNE® Tooling to attain maximum results.

SURFACE PREP

PRE-SURFACE PREPARATION: Ensure surface is free of all debris. Clean thoroughly using an auto scrubber and ReflectiCLEAN® Concrete Cleaner or similar. Any membrane forming curing compounds or coatings must be removed prior to the application of ReflectiCUT®.

SURFACE PREP & DWELL TIME: Saturate the surface to SSD (Saturated Surface Dry) conditions prior to ReflectiCUT's application in order to achieve its maximum results. **Proper SSD:** Wet the surface until water will no longer absorb. The concrete's surface will be darker in color, wet looking, and dry to the touch when properly achieved. Remove any standing water before ReflectiCUT's application to prevent dilution which will weaken its chemical reactivity. **NOTE:** The longer the substrate is kept wet with water prior to product application will achieve a deeper penetration resulting in the concrete's surface being easier to cut.

APPLICATION DIRECTIONS

APPLICATION: Apply using a sprayer moving in a circular motion to achieve even coverage. Scrub the material into the surface with a soft bristle broom or brushes on an auto scrubber. Keep the entire surface wet for a minimum dwell time of 1 hour to achieve its full chemical reactions. If applied the day before or has been allowed to dry onto the surface for several hours prior to the first cut, lightly rehydrate with water.

CUTTING: Lightly re-wet surface using an auto scrubber on lowest water setting (squeegee up) in the grinder's path to create a slurry that has the consistency of heavy shaving cream. If slurry becomes too thin, lightly add more ReflectiCUT® or adjust water setting. If slurry becomes too thick, lightly add water.

CLEAN UP // DISPOSAL

Use soap and water. Dispose of according to local, state, and federal regulations. Readily recyclable once cleaned. Do not dump in storm drains or sewers.

MAINTENANCE

Routine cleaning with ReflectiCLEAN® Concrete Cleaner or similar is recommended using a micro-fiber mop or auto scrubber equipped with soft pads. Do NOT Use cleaners that have butyl compounds or citrus, these acidic cleaners will damage the floor.

SAFETY & FIRST AID

Do not handle until all safety precautions have been read and understood. Always read in full product SDS for additional precautionary instructions before use. Use appropriate Personal Protection Equipment (PPE) during application and handling.



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. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling this product. Wear protective gloves, protective clothing, eye protection, face protection. Wear respiratory protection.

IF SWALLOWED: Call a POISON CENTER or doctor /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 holding eyelids open for 15 minutes. Remove contact lenses if present and easy to do so, continue rinsing. **INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**24/7 Emergency Telephone: INFOTRAC
(800) 535-5053 (US & Canada)
(352) 323-3500 (International)**

WARRANTY*

Reflective Floor® products are intended for use by professionals only. It is the end user's responsibility to follow all directions of use. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no 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. *For complete Warranty Disclaimer, consult website.

MANUFACTURED BY REFLECTIVE FLOOR®
7240 Standard Drive | Hanover, MD 21076



FOR MORE PRODUCT INFORMATION:
www.ReflectiveFloor.com



CUSTOMER SERVICE: 667.701.1700

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