



REFLECTIVE FLOOR®

ARCHITECTURAL POLISHED CONCRETE SYSTEMS

REFLECTIHARD® CONCRETE DENSIFIER

COLLOIDAL SILICA TECHNOLOGY

ReflectiHARD® Densifier is formulated utilizing colloidal silica technologies that are specifically designed with highly reactive compounds that deeply penetrate the slab due to its nano sized molecules and hydrophilic properties.

ReflectiHARD® chemically reacts with the concrete's chemistry to produce more reactive cementitious compounds (CSH) that are permanently bonded together resulting in the slab being densified into a solid mass.

ReflectiHARD® provides long-term sustainability by improving surface performance and extending its service life by creating an extremely abrasion and impact resistant floor. Prevents dusting, ASR, and blocks efflorescence. Resistant to blushing/will not yellow or whiten the concrete. Will bond and harden on decorative cementitious overlays that are low lime.

TECHNICAL INFORMATION

Color / Odor	Clear / Slight
pH	10.7
VOC Content	<50 g/L
	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.

PACKAGING

5 Gallon // Pail
55 Gallon // Drum
275 Gallon // Tote



REFLECTIVE FLOOR
ARCHITECTURAL POLISHED CONCRETE SYSTEMS

ADVANTAGES

- Fast Reacting Colloidal Silica Formulation
- Significantly Increases Sub-Surface Density & Hardness
- Improves Abrasion Resistance for Long Term Durability
- Dust Proofs
- Blocks Efflorescence
- Prevents ASR
- Increases Resistance to Liquid Penetration & Staining
- Increases Impact Resistance
- Does Not Yellow or Whiten Concrete
- Ready to Use Formula
- Zero VOCs
- May Contributes to Green Initiatives

INDUSTRY COMPLIANCE

Compliant with the following National, State, and District for all US EPA AIM VOC Regulations:

- US Environmental Protection Agency (EPA)
- California Air Resources Board SCM Districts (CARB)
- South Coast Air Quality Management District (SCAQMD)
- Maricopa County, AZ
- Northeast Ozone Transport Commission
- Qualifies for LEED Credits
- LBC Red List Compliant
- National Floor Safety Institute
- OSHA & ADA Non-Slip Requirements



REFLECTIHARD®

CONCRETE DENSIFIER

COLLOIDAL SILICA TECHNOLOGY

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.

PRE-SURFACE TESTING

To assure the desired performance and appearance specifications are met, it is highly recommended to perform a mock-up on each slab being treated using the exact same floor products, coverage rates, tooling, process, methods, technique, equipment and certified Installer.

SURFACE PREP

Surface must be clean with ReflectiCLEAN Concrete Cleaner. Ensure it is clear of any sealers, membrane-forming curing compounds, dust, oils, and any other contaminants or debris that will prevent ReflectiHARD from penetrating and adhering to the surface.

APPLICATION DIRECTIONS

Apply product using a sprayer moving in a circular motion to achieve even coverage. Apply enough product to keep surface wet for a minimum of 30 minutes. Apply additional product as needed for any areas that become dry to maintain surface saturation/rejection. Allow product to dry completely. Do NOT add any water during reactivity, rinse or clean off. Continue wet polishing floor to desired specification.

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.

MAINTENANCE

Routine cleaning with ReflectiCLEAN Concrete Cleaner is recommended using a micro-fiber mop or auto scrubber equipped with soft pads. Do NOT use string mops. 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

Reflective Floor® logos and the Reflecti family of products are trademarks under license. All Rights Reserved. Patented, other patents pending.

REFLECTIVE FLOOR® 7240 Standard Drive // Hanover, MD 21076 // 667.701.1700
www.ReflectiveFloor.com // Info@ReflectiveFloor.com