



REFLECTIVE FLOOR®

CONCRETE PLACEMENT & FINISHING SYSTEMS

REFLECTIXTENDER FINISHING AID

WITH REACTIVE COLLOIDAL SILICA

ReflectiXTENDER® Finishing Aid is a non-film forming topical additive that is applied directly onto newly placed concrete before and during the trowel machine process. XTENDER® has been formulated with colloidal silica technologies which react with lime in the cement paste forming a silica compound that retains nearly all the surface moisture; an even-hydration barrier that does not allow excessive moisture to escape which ultimately eliminates volume loss that causes shrinkage, craze cracking, spalling, and curling. This allows flatwork crews to gain unprecedented control by significantly extending the workable time in adverse weather conditions therefore reducing the risk of a slab prematurely setting.

In addition to creating additional CSH/cementitious material sub-surface, XTENDER® increases the cream/paste in the 'cap' region which immediately improves its workability making it easier for the finishing crews to deliver a smooth, flat surface resulting in exceedingly high, stable FF/FL numbers, higher compressive strength, and surface abrasion. Using ReflectiXTENDER® significantly reduces blade friction &/or drag, operator fatigue, and trowel wear.

ReflectiXTENDER® does not alter the water-to-cement ratio, therefore eliminating the need to add water or accelerated chemicals which can be detrimental to the overall surface performance. It also aids in the application of shake-on hardeners in low bleed-water environments.

TECHNICAL INFORMATION

Appearance	Clear / White
pH	6 - 9
VOC Content	<50 g/L
Flash Point	Not Flammable
Freezing Point	32°F - 0°C
Shelf Life	18 Months, Unopened

APPLICATION RATES

1,200 SF ² / Gal. (29.4 m ² /L)
Applications Required: 3

Coverage rates & 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 well ventilated, cool, dry location and maintain temperatures between 40° - 100°F (4° - 38°C). Do not alter or mix with other chemicals. Maintain unused product in the original container. Any container that cannot be saved for recovery or recycling should be triple rinsed and disposed of in accordance with local, state, and federal regulations.

ADVANTAGES

- Creates a Moisture Vapor Barrier Depth Over 1" inch
- Holds Up to 97% of the Placement Water
- Increases Abrasion Resistance
- Harder, Denser Surface
- Higher Compressive Strengths
- Even-Hydration Vapor Barrier
- Eliminates Shrinkage, Cracking, & Curling
- Exceedingly High & Stable FF/FL Numbers
- Extends Workability in Any Type of Weather Conditions
- Reduce Operator Labor & Trowel Equipment Wear

**REDUCE COSTS.
FINISH THE SAME DAY.
REDUCE PROJECT DOWNTIME.**

INDUSTRY SPECIFICATIONS & COMPLIANCE

- ASTM E 96-10
- ASTM C 944
- ASTM C 779
- ASTM C 1583
- LEED® Credits
- LBC Red List Compliant
- USDA Compliant
- FDA Approved





REFLECTIX TENDER

CONCRETE PLACEMENT & FINISHING AID

ReflectiXTENDER® is designed to be used directly after the screed before bull float or prior to panning.

APPLICATION DIRECTIONS

For each application, apply a fine spray uniformly onto the surface using a High-Volume Low-Pressure manual or commercial grade sprayer and power trowel equipment. Coverage rates of 1,200 SF²/g (29.4 m²/L) in 3 equal applications. Application rates of less than 400 SF²/g (9.8 m²/L) will delay the set.

1st Application: Apply ReflectiXTENDER® directly after the screed placement, before breaking open the floor with floats or pans.* Completely work product into the surface using a power trowel equipped with float pans.

2nd Application: Apply uniformly, work product in.

3rd Application: Apply uniformly, work product in.

Finish by burning/burnishing the floor to the desired level using lowest pitch possible. » Having blades pitched too high will cause cutting/damage the surface. Prepare for the next application with **ReflectiFIER® Concrete Placement & Finishing Densifier** and refer to its application directions.

*Follow Industry best practices & procedures to begin the floating or panning process as you would on a standard pour.

» Float shoes may be worn when using walk-behind trowels, not recommended to use on ride-on trowels to prevent potential injuries.

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

WARNING: Harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. Harmful if inhaled. Keep out of reach of children. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area.

IF SWALLOWED: Call a POISON CENTER or doctor or physician immediately. Rinse mouth. 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 person to fresh air. If not breathing, give rescue breathing and contact medical attention/911. If breathing is difficult, give oxygen. If symptoms persist, consult medical advice.

Always read in full product SDS for additional precautionary instructions before use. Use appropriate Personal Protection Equipment (PPE) during application and handling.

**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

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