

### 1. PRODUCT NAME

## *MirrorCrete Sealer*

### 2. MANUFACTURER

#### Floor Seal Technology

1005 Ames Ave.

Milpitas, CA 95035

(800) 572-2344

[www.floorseal.com](http://www.floorseal.com)

### 3. PRODUCT DESCRIPTION

#### A. Composition

MirrorCrete Sealer is a penetrating concrete sealer formulated to enhance and protect polished concrete floors. It is a unique blend of colloidal silica and lithium that improves the hardness and water repellency. MirrorCrete Sealer is a component of the MirrorCrete Polished Concrete System.

MirrorCrete Sealer is recommended when immediate stain and chemical resistant properties are desired, or any time a stain or dye is used.

#### B. Advantages

1. Easy one-coat application. High coverage (1,500 – 2,000 square feet per gallon).
2. Easy to clean using water and soap.
3. Chemically and mechanically reacts with substrate.
4. water based, environmentally friendly product.
5. Resists marks, improves traction, and helps prevent waterborne contaminants from staining.

### 4. TYPICAL PHYSICAL PROPERTIES at 75°F (24°C)

- A. **Form:** Milky white, aqueous solution
- B. **Shelf Life:** 6 months in factory sealed container
- C. **Drying Time:** Estimate minimum 1-2 hours
- D. **Boiling Point:** >200 degrees F
- E. **Film Forming:** Yes
- F. **VOC content:** 25 g/L
- G. **Freeze Point:** 32 degrees F

### 3. INSTALLATION

A. Sequence installation of MirrorCrete Sealer in accordance with MirrorCrete Polished Concrete System data sheet.

B. MirrorCrete Sealer is available in five or fifty-five gallon containers. Mix, shake, or stir thoroughly before applying.

C. Apply MirrorCrete Sealer using a HVLP sprayer and micro fiber pad or similar, spreading material thinly and evenly so as to completely cover the substrate. If multiple coats are desired, allow first coat to become tack free before reapplying next coat. Buffing between applications with a hogs hair pad and/or a high speed burnisher will improve sheen and curing speed.

D. Floor is ready for traffic and use when fully cured, typically in 24 hours. Do not allow standing water to remain on the surface for the first 48 hours.

**Caution:** Always create pre-job samples and mock-ups on substrates that are similar to the actual application. Application rate varies with substrate.

**Note:** All substrates must be fully cured (concrete, to a minimum of 28 days, other substrate systems per manufacturer's recommendations) and must be clean and free of all debris or materials that might affect the result of the sealer application.

### 4. PRODUCT AVAILABILITY

MirrorCrete Sealer is available from Floor Seal Technology.

### 5. MAINTENANCE

A MirrorCrete floor is designed to require minimal maintenance. A standard janitorial cleaning regimen utilizing a floor scrubber (Tennant or similar) and MirrorCrete Maintenance Cleaner is recommended. This process will enhance the shine and surface density over time. Do not use citrus or solvent based cleaners, as they may dull the finish of the floor.