

1. MANUFACTURER

Floor Seal Technology, Inc.
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2. DESCRIPTION

TekFlor is a liquid applied, fast setting, engineered self-leveling concrete topping available in a wide range of color, decorative aggregates, recycled glass, and polished gloss finishes for resurfacing interior and exterior substrates.

3. ADVANTAGES

- Alternative to traditional BPA terrazzo
- Interior and exterior use
- Endless color and aggregate options
- Liquid applied and self-leveling
- High light reflectivity and gloss
- Impact and abrasion resistant
- 2x the compressive strength of concrete

3. COMPONENTS

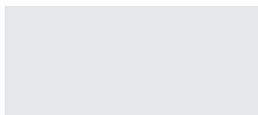
- Standard primer
- *MES 100 moisture control
- *Liquid color
- *Aggregates
- *Recycled glass
- MirrorCrete Hardener
- MirrorCrete Sealer
- MirrorCrete Water Repellent

*Optional design components

4. PHYSICAL PROPERTIES

- Thicknesses: 3/8-inch to 1/2-inch
- Compressive Strength: Min. 6,000psi, ASTM C109
- Flexural Strength: 800psi, ASTM C348
- Tensile Strength: 360psi, ASTM C307
- Coefficient of Friction: >0.43, ANSI 326.3.

5. BASE COLOR OPTIONS (before color blend)



WH - White



LG - Light Grey



6. SAMPLES

TekFlor is available in a variety of colors and factory samples are recommended. Contact a technical representative to discuss custom samples.

7. SUBSTRATE PREPARATION

Concrete substrates are to be mechanically profiled and contaminate free from wall-to-wall edge.

Test floors for moisture emission (ASTM F 1869) and relative humidity (ASTM F2170) to determine substrate conditions.

Install manufacturers approved moisture control treatment when results exceed 5 lbs. per 1,000 square feet and relative humidity above 85-percent.

8. INSTALLATION

Apply TekFlor by factory employed and certified installers to obtain manufacturers 10-year warranty.

An on-site Mock-up is required prior to the installation to establish the final color, appearance, and gloss to be approved.

Epoxy Primer | MES Moisture Control

Apply epoxy primer or MES moisture control based on substrate requirements from wall-to-wall edge.

Cement Topping

Apply TekFloor to a thickness to smooth floor transitions, substrate imperfections and not less than 3/8-inch thickness.

- Mix Tekflor engineered cement with clean potable water as indicated on factory shipped units.
- Mix **color dye** and **aggregates** (optional) based on the approved samples.
- Pour and place mixture on concrete surface using a thickness rake and smoothing blade or spike roller.
- Apply MirrorCure as directed by technical personnel.

MirrorCrete Hardener

- Apply hardener to saturate and remove puddling.
- Allow to penetrate and re-apply a 2nd saturation coat.
- Allow to dry for a 3 hours, while inducing air circulation of work areas to promote drying.

Aggregate Exposure

- Using approved equipment, grind surface to expose the required aggregate as approved by mock-up.
- Final surfaces are to be smooth, and abrasion free.
- Clean surface of contaminates and debris.

Polishing Surfaces

- Using manufacturer approved equipment, polish surfaces to the desired gloss level and uniform appearance.

MirrorCreate Sealer

- Apply 2 coats of membrane forming sealer and allow to surfaces to completely dry. Buff as required.

MirrorCrete Water Repellent

- Apply water repellent at recommended rates.
- Allow to dry and burnish surface as required for maximum water and stain resistance.

Test surfaces using a BOT-3000 slip-tester to determine final coefficient of friction results.

9. MAINTENANCE

Walk off mats at doorways and removing dust and debris weekly is recommended.

Before cleaning surfaces, contact a technical representative to schedule on site training. Failure to properly clean the surface or use of abrasive methods will damage the surface immediately and over time.

Light mopping of floors with a manufacturer approved neutral cleaner or MirrorCleaner on a monthly or bi-monthly routine, dependent on foot traffic. This process will enhance the shine and surface density over time.

The use of steam cleaning, citrus cleaners, solvents, strippers, wax removers, bleach, vinegar, alcohol or flood cleaning with a mop are NOT recommended.

Contact manufacturer to learn more about factory scheduled cleaning to refresh floor surface and shine.

10. WARRANTY

TekFloor is warranted for installation workmanship and defects for a period of 10-years. Manufacturer to guarantee the installation in writing.

11. AVAILABILITY

Contact your local representative for pricing and installation availability.

12. SUSTAINABILITY

Compliant with 01350 Low Emitting - California Department of Health Services Method Version 1.2