

1. MANUFACTURER

Floor Seal Technology, Inc.
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2. DESCRIPTION

MirrorCure® is a complete process for achieving exceptional concrete and super flat floors that will remain “exposed” as a final floor finish.

3. ADVANTAGES

- Minimal to no concrete cracks
- Near zero floor preparing costs
- Meets high floor flatness, ASTM E1155 (**FF 50**)
- Consistent aggregate and surface appearance
- Eliminate common surface imperfections
- High compressive strength concrete to be used as a final floor system

4. CONCRETE MIX DESIGN

The concrete you specify for carpet doesn't work for floors to remain exposed as a final floor system.

To eliminate common imperfections found in freshly placed concrete, Floor Seal Technology assists design teams in specifying and acceptance of a concrete mix design to achieve high floor flatness tolerances.

5. ON-SITE OVERSIGHT

Factory employed personnel are on-site during the concrete placement to monitor, advise and identify defects during the finishing process using 3D laser imaging, following ACI 117.

Expect floor flatness of **FF 50** (minimum FF35) and FL20 (minimum FL 18) when tested to ASTM E1155 at 72 hours after placement of concrete.



3D laser imaging scan during concrete placement

6. CURING

Most concrete is improperly cured, as required by ACI 308 Guide to Curing Concrete. Curing methods must be applied based on concrete temperature, ambient temperatures, relative humidity, and wind during concrete placement.

Manufacturer employed personnel monitor site conditions using computerized analytical weather station to identify ideal conditions for **MirrorCure®** specialty curing treatment to be applied.

MirrorCure® Properties:

- Membrane Type: Resin, film forming
- Water retention: <0.40 kg/m², ASTM C156
- Curing: Exceeds 0.55 kg/m², ASTM C309
- Curing/Membrane: Meets 0.40 kg/m², ASTM C1315
- Gloss Level: Matte
- VOC Content: 55 g/L
- Solids Content: 30-percent
- Product Type: Impregnating, membrane

