LEVEL TOP STAIN
Stainable Self-Leveling Overlay

**DESCRIPTION**

LEVEL TOP STAIN is an easy-to-use, self-leveling re-surfacing compound, designed for use on either new or worn concrete substrates. LEVEL TOP STAIN’s acrylic polymer modification provides excellent adhesion, toughness, and long-term durability. LEVEL TOP STAIN can be integrally colored, dyed, stained, and epoxy coated for a decorative finish.

**PRIMARY APPLICATIONS**

- Leveling interior concrete substrates
- Decorative wearing surfaces
- Compatible with STAIN CRETE and VIBRA STAIN
- Retail/commercial flooring

**FEATURES**

- Fluid consistency for self-leveling
- Can be integrally colored
- Floor can be dyed or stained
- Compatible with liquid densifiers
- Acceptable as an underlayment
- 1-Component re-surfacing
- Can be sealed or epoxy-coated in 24 hours
- Fast turnaround applications

**TECHNICAL INFORMATION**

Typical Engineering Data
The following results were developed under laboratory conditions @ 70 °F (21 °C)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength</td>
<td>1,000 psi (7 MPa)</td>
</tr>
<tr>
<td>5 hours</td>
<td>2,000 psi (14 MPa)</td>
</tr>
<tr>
<td>24 hours</td>
<td>3,000 psi (21 MPa)</td>
</tr>
<tr>
<td>7 days</td>
<td>4,000 psi (27 MPa)</td>
</tr>
<tr>
<td>28 days</td>
<td>-0.046%</td>
</tr>
<tr>
<td>Shrinkage, ASTM C 157</td>
<td></td>
</tr>
<tr>
<td>Flow Time</td>
<td>approx 15 min</td>
</tr>
<tr>
<td>Working Time</td>
<td>approx 30 min</td>
</tr>
<tr>
<td>Flexural Strength, ASTM C 348</td>
<td>800 psi (5.5 MPa)</td>
</tr>
<tr>
<td>7 days</td>
<td>900 psi (6.2 MPa)</td>
</tr>
<tr>
<td>28 days</td>
<td></td>
</tr>
</tbody>
</table>

Appearance: Level Top STAIN is a free-flowing powder designed to be mixed with only potable water. It cures to a light concrete gray finish.

**PACKAGING**

LEVEL TOP STAIN is packaged in 50 lb (22.7 kg) bags that yield approximately 0.44 ft³ (0.012 m³) of material.

**SHELF LIFE**

6 Months in original, unopened bag.

**COVERAGE**

A single bag of LEVEL TOP STAIN should cover approximately 24 ft² (2.2 m²) @ 1/4 in (6.35 mm), 14 ft² (1.3 m²) @ 3/8 in (9.5 mm) thickness.
SURFACE PREPARATION:
Concrete surfaces must be structurally sound and free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and other contaminants. Mechanically abrade the surface to achieve a surface profile equal to CSP 3-5 in accordance with ICRI Guideline 310.2. Properly clean profiled area. Before installing LEVEL TOP STAIN, all concrete subfloors must be primed. LEVEL TOP STAIN can be primed with HIGH PERFORMANCE EPOXY, or other approved Euclid Chemical Company epoxy bonding systems. LEVEL TOP STAIN can also be primed with BOND-CRETE OR TAMMSWELD.

For Epoxy primer, apply mixed HIGH PERFORMANCE EPOXY (see product data sheet for mixing instructions) to the properly prepared substrate at a rate of 75 to 100 ft²/gal (1.8 to 2.5 m²/L). Squeegee the epoxy into place, scrub it in to the substrate, then backroll to ensure a uniform application. While the epoxy is still wet, broadcast a washed & dried 16/30 mesh silica sand onto the surface until it is completed saturated with sand and appears dry. Application rate for the silica sand is approximately 1 lb/ft² (4.9 kg/m²). After the sand is applied, the surface should have a uniform appearance with no damp or wet areas visible. If so, apply more sand to those areas until they appear dry. Allow the epoxy to cure, preferably overnight. After the epoxy has cured, remove all loose, unbonded sand by sweeping and/or vacuuming it off prior to topping application. LEVEL TOP STAIN should only be installed when ambient and substrate surface temperatures are between 50 and 90 °F (10 and 32 °C), with the optimum installation temperature around 70 °F (21.1 °C)

When using BOND-CRETE or TAMMSWELD as a primer for normal concrete, 1 coat of primer (mixed at a ratio of 1 part primer to 1 part water) should be applied followed by a second coat on undiluted primer. For highly absorbent concrete, multiple coats of primer (mixed at a ratio of 1 part primer to 1 part water) may be necessary. The final coat of primer should be applied undiluted. Excessively absorptive concrete surfaces may dry within 20 minutes, if this happens, apply additional diluted coats of primer to ensure that the absorptive substrate is treated. When the excessively absorptive substrate is treated and the diluted primer does not dry before 20 minutes, apply the final undiluted primer coat and allow the primer to dry before applying the LEVEL TOP STAIN. Apply primer to properly prepared substrate and work into the concrete surface with a soft-bristle push broom or paint roller. Spread evenly to avoid puddles and to thoroughly coat the surface.

APPLICATION PROCESS
Add one 50 lb (22.7 kg) bag of LEVEL TOP STAIN to 5 qt (4.7 L) of cool water in a clean mixing vessel. Mix for a minimum three minutes, and adjust the water by adding up to 1 pint, if required. Add no more than 5.5 qt (5.2 L) of total water. A drill and paddle mixer may also be used. If using an approved Increte integral colorants, add color to water prior to the addition of powder. Pour/pump all mixed material onto the surface and spread with gauge rake at 1/4 in (6.3 mm) or greater up to 1 in (2.5 cm) thick. For pours greater than 1 in (2.5 cm), use with extender aggregates. When applying, be sure to keep a wet edge. Use spiked roller, as needed, to remove any entrapped air. Smooth with Magic Trowel as needed. LEVEL TOP STAIN may also be used as a patch/repair compound.

STAINING/SEALING
Once placed and after the LEVEL TOP STAIN surface has cured, stains or dyes may be applied. For deeper, richer colors, wash or sand prior to application of stains and dyes. For maximum durability and wear resistance apply CLEAR SEAL, HIGH PERFORMANCE EPOXY, WB URETHANE, POLYSEAL or any EUCLID CHEMICAL COMPANY approved coating or . Maintain the surface with HIGH GLOSS WAX. (See product data sheet for application instructions)
**WARRANTY:** The Euclid Chemical Company (“Euclid”) solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. **EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME.** If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid’s installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. **Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid’s products for the Buyer’s intended purposes.**

---

**Precautions/Limitations**

- For indoor use only.
- When used for a decorative application, a test area is highly recommended to ensure desired results.
- Not for use as a heavy-duty surface for industrial floors.
- Do not add admixtures or calcium chloride.
- Do not use if ambient temperatures will fall below 40 °F (4 °C) within 72 hours after placement.
- Store in a dry place.
- For professional use only.
- In all cases, consult the Safety Data Sheet prior to use.