



# LEVEL TOP SP

## STAINABLE/POLISHABLE SELF-LEVELING OVERLAYMENT

### DESCRIPTION

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

### PRIMARY APPLICATIONS

- Leveling interior concrete substrates
- Decorative/polished 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 within a few hours
- May be polished in 24 hours
- Acceptable as an underlayment
- 1-Component re-surfacing
- Can be epoxy-coated in 24 hours
- High early strength for fast turnaround
- Compatible with liquid densifiers

### TECHNICAL INFORMATION

#### Typical Engineering Data

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

#### Compressive Strength ASTM C 109 2 in (50 mm) cubes

5 hours.....1,000 psi (7 MPa)

24 hours.....2,000 psi (14 MPa)

7 days.....3,000 psi (21 MPa)

28 days.....5,000 psi (34 MPa)

**Shrinkage**, ASTM C 157 (24 hr cure).....-0.046%

**Flow Time**.....approx 15 min

**Working Time**.....approx 30 min

**Unit Weight**..... approx 133 lb/ft<sup>3</sup> (2,131 kg/m<sup>3</sup>)

**Set Time**, ASTM C 191 Initial.....approx 45 min  
Final.....approx 1 hr

#### Flexural Strength, ASTM C 348

7 days.....800 psi (5.5 MPa)

28 days.....900 psi (6.2 MPa)

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

### PACKAGING

LEVEL TOP SP is packaged in 50 lb (22.7 kg) bags that yield approximately 0.44 ft<sup>3</sup> (0.012 m<sup>3</sup>) of material.

### SHELF LIFE

6 Months in original, unopened bag.

### COVERAGE

A single bag of LEVEL TOP SP should cover approximately 14 ft<sup>2</sup> (1.3 m<sup>2</sup>) @ 3/8 in (9.5 mm) thickness.

## DIRECTIONS FOR USE

### 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 4-6 in accordance with ICRI Guideline 310.2. Properly clean profiled area. Before installing LEVEL TOP SP, all concrete subfloors must be primed with two coats of BOND-CRETE primer. Alternately, the concrete can be primed with HIGH PERFORMANCE EPOXY and broadcast with clean and dry silica sand to refusal. Once the epoxy has dried, remove excess silica sand. LEVEL TOP SP 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).

### APPLICATION PROCESS

Add one 50 lb (22.7 kg) bag of LEVEL TOP SP to 5 qt (4.7 L) of cool water in a clean mortar mixer. Mix for a minimum three minutes, and adjust the water by adding up to 1 pint, if required. Add no more than 5.25 qt (5.0 L) of water. A drill and paddle mixer may also be used. If using integral colorants, add colorant 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 and 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. Smooth with Magic Trowel as needed. LEVEL TOP SP may also be used as a patch/repair compound.

### STAINING/SEALING/POLISHING

Once placed and after the LEVEL TOP SP surface has cured, stains or dyes may be applied. For deeper, richer colors, acid wash prior to application of stains and dyes. For maximum durability and wear resistance apply CLEAR SEAL, HIGH PERFORMANCE EPOXY, or URETHANE. Maintain the surface with HIGH GLOSS WAX. LEVEL TOP SP may also be chemically hardened with PRO-POLISH DENSIFIERS and polished to a high-gloss finish. PRO-POLISH GUARD is recommended to protect your polished floors.

## 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.

Rev. 08.15

**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.