

# FLAT TOP

## Self Leveling Mortar For Applications Up to 1" Thick

### Product Description

Flat Top is a heavy duty one component polymer modified self-leveling underlayment, concrete repair, and resurfacing mortar. Flat Top is simply mixed with water and applied from featheredge to 1" thick in one application. Product is ready for light traffic in 4 to 5 hours at 70°F. Flat Top is a special blend of cements, aggregates and exclusive modifiers. Designed for general purpose and high performance underlayment, concrete repair or resurfacing applications.

### Benefits & Features

- Heavy duty - over 6000 psi
- Polymer Modified
- No troweling - self leveling
- Pumpable
- One component - just add water
- Portland cement based
- Short wait for foot traffic

### Technical Information

Compressive Strength, 28 day	Exceeds 6000 psi	ASTM C109
Compressive Strength, 7 day	Exceeds 3000 psi	ASTM C109
Compressive Strength, 1 day	Exceeds 2500 psi	ASTM C109
Flexural Strength, 28 day	Exceeds 800 psi	ASTM C78
Freeze/Thaw Durability	Excellent	ASTM C666
Bond Strength	Exceeds 150 psi	ACI 503 R
Color	Concrete gray	
Set Time	1 Hour	

### Specifications/Compliances

N/A

### Approximate Coverage Rates

50 lb bag covers approximately 50 square feet at 1/8"

### Where to Use

- Unleveled concrete
- As an underlayment
- As a wear surface
- Interior or exterior surfaces
- Warehouse floors
- With radiant heat flooring
- Decorative flooring

### Packaging

50 lb heavy duty polyethylene bag

**ORRVILLE**  
133 North Kohler Road  
Orrville, Ohio 44667  
(330) 682-5678

**CLEVELAND**  
7941 Granger Road  
Cleveland, Ohio 44125  
(216) 573-0770

**COLUMBUS**  
690 Harrison Drive  
Columbus, Ohio 43204  
(614) 253-3326



www.eco-cretesupply.com

## **Instructions for Use**

**Surface Preparation:** Surface preparation is critical. Existing surface should be clean, sound, and free of oils, curing compounds, dust or any other foreign matter. Preparing surface by mechanical means such as grinding or shot blasting is recommended. Priming the surface is necessary to self level. Broom SureBond 100 onto sub-floor, making sure not to puddle primer. Apply Flat Top after SureBond 100 dries (1 to 2 hours in normal conditions). For extremely porous surfaces, 2 coats of primer may be required.

**Mixing:** Approximately 5 to 5 1/2 quarts of water are required to mix 50 lb of product. Using a paddle mixer, always add and mix product into water. Mix for no less than 3 minutes.

**Application:** Pour Flat Top onto the primed surface. To break surface tension a porcupine roller is recommended. For large area applications it is recommended to start near the perimeter in a continuous operation using a long handle spreader to distribute the product where needed. For patching application, pour material into primed area to level. For applications over 1" use Flat Top High Build. Apply to primed, clean, sound substrates only.

**For Best Results:** Apply to clean, dry sound substrate above 40°F. For all uses, apply primer to surface before application. Check moisture content (mat test) prior to applying any waterproof topping. Do not retemper already mixed material. On highly porous substrates and wood substrates, contact the manufacturer for recommended application procedures.

## **Curing**

Rapid drying of cement-based products may cause cracking or de-bonding. Avoid applications in high winds, excessive heat or blowing air directly on freshly placed product.

## **Special Notes**

Please consult Material Safety Data Sheet (MSDS) and read warranty information prior to use. This information can be requested by contacting customer service at 330-682-5678.

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