



# FLAT TOP

Self leveling floor mix

## PRODUCT DESCRIPTION

**Flat Top** is a one component, heavy duty, self leveling, cementitious overlay. This Product is designed to resurface and level damaged or uneven concrete floors. **Flat Top** is simply mixed with water and applied from feather edge to 1½" thick in one application. It cures out to over 7,000psi and can be used as an underlayment or final wear surface. **Flat Top** can also be polished for added aesthetics & durability. **Flat Top** is easy to use, requires no troweling and is ready for light traffic in 4 to 5 hours at 70°F.

## TECHNICAL INFO

### Compressive Strength (ASTM C-109)

1 Day.....	3,720 psi
3 Days.....	4,140 psi
7 Days.....	4,775 psi
28 Days.....	7,015 psi

### Flexural Strength (ASTM C-348)

28 Days.....	.1,050 psi
Flowing Time .....	15 minutes
Working Time.....	30 minutes
Setting Time.....	Light foot traffic after 4-8 hours

Color.....	Concrete Grey
Packaging .....	50lb bag

## RECOMMENDED APPLICATIONS

- + Uneven concrete floors
- + Interior or exterior
- + As an underlayment
- + As a wear surface
- + Polishable overlays
- + Warehouse floors
- + Decorative flooring



## QUICK FACTS

- + Heavy Duty - Over 7000 psi
- + Self leveling - No Troweling
- + One Component - Just Add Water
- + Polymer Modified
- + Pumpable
- + Portland Cement Based
- + Short Wait For Foot Traffic
- + Polishable
- + Interior or Exterior Use
- + Made in the USA



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## INSTRUCTIONS FOR USE

### SURFACE PREP

Existing surface should be clean, structurally sound, and free of oils, curing compounds, dust or any other contaminants. Preparing the surface mechanically such as grinding or shot blasting is required for all smooth finished concrete floors and non-absorbent surfaces, such as terrazzo and ceramic tile. Fill any deep holes or depressions in existing floor with a suitable polymer modified patching material, such as **Easy Patch**. Seal all perimeter openings to prevent leakage.

Prime surface prior to application with **Sure Bond 100** mixed 1:1 with water. Use a roller to distribute the primer after spraying to ensure even coverage and mop up puddled areas.

### MIXING INSTRUCTIONS

Add 1 bag of **Flat Top** to 5-5½ quarts water. Always add powder to the water. DO NOT EXCEED 5½ QUARTS OF WATER. Doing so will cause reduction of strength and shrinkage of the cured **Flat Top**. A heavy duty mixer is required. Handheld mixers will work fine for smaller projects. However auto mixers are recommended for larger jobs. Mix material for 2-3 minutes to achieve a lump-free mix. If using a hand held mixer, make sure to scrape all dry powder off the side of the mixing pail and continue to mix. Do not mix more material than can be placed in 15 minutes. Ensure that subsequent mixes are ready to go which will enable continuous pouring until entire area is surfaced. **Flat Top** can be applied from a featheredge up to 1½ " thick. For areas over 1½ " thick, mix **Flat Top** with equal parts of clean, washed silica sand, preferably 20-30 mesh. The addition of sand may affect the self-leveling properties, of **Flat Top**, which may make it necessary to apply a finish layer without the additional sand as a final coat. If a finish layer is to be applied, re-priming with **Sure Bond 100** is required.

### APPLICATION INSTRUCTIONS

Material should be placed in one continuous pour, achieving required thickness in one application. **Flat Top** must be placed quickly and maintaining a wet edge is crucial. Do not allow more than 5 minutes of time to pass from batch to batch. Spread **Flat Top** on primed surface with a cam-style gauge rake to ensure proper thickness. Self leveling pins could also be used to gauge thickness. A blade smoother tool may be used to move **Flat Top** around, however troweling is not required except when going to featheredge. When pumping, a progressing cavity grout pump is recommended. The amount of square footage that can be placed in one day would depend on manpower and the type of equipment being used.

### CURING/SEALING

**Flat Top** is self-curing under normal conditions, however in the case of extreme heat, dry, or windy conditions, covering surface with damp burlap is recommended. If Flat Top is being used as a wear surface applying sealer is recommended. Please see Deco Crete's full line of sealers and coatings to find the best option for your project.

\* Deco-Crete Supply is not responsible for application methods, finishing techniques or any other variables that cannot guarantee the final appearance. Deco-Crete Supply recommends that a representative jobsite sample be made for each product used.



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