



## Flowtop®

Fast and easy concrete resurfacer

### DESCRIPTION AND USES

Flowtop® is a pourable, self leveling material ideal for resurfacing damaged or rough concrete floors. Use on rough or damaged concrete in both interior and exterior applications.

### PRODUCTS

A040604 - 55lb Gray kit  
A680827 - 55lb Tile Red kit  
A683128 - 55lb Tan kit

### COMPANION PRODUCTS

J510006 - Mixing Blade  
J510017 - Spiked Roller  
J510018 - Telescopic Handle  
J510019 - Spiked Shoes

### PACKAGING

55lb. kit (includes 2 primers)

### APPEARANCE

Smooth gray finish  
Smooth tile red finish  
Smooth dunes tan finish

# watco®

strong and reliable

## SURFACE PREPARATION

The concrete surface should be reasonably clean and free of loose material. Sweep the floor with a stiff broom to remove all loose debris. Remove heavy oil and grease contamination using Bio-D or a similar degreaser. Flowtop can be applied to a damp concrete surface. The Flowtop materials should be stored for 8 hours prior to use at a temperature range of 60-75°F.

## PRIMING

Two primers are supplied. Dampen areas of bare concrete with clean cold water and leave for 20-30 minutes. Apply Primer 1 to the prepared surface by brush and allow it to soak into the concrete for at least 15-20 minutes. Primer 1 can be left overnight to dry if time permits. Primer 2 can be applied while Primer 1 is still tacky or if Primer 1 has completely dried. Apply the primers evenly and avoid ponding on the surface. A sufficient amount of Primer 2 is supplied to allow for very absorbent surfaces, so there may be an excess amount of primer if used on a less absorbent surface. Apply only as much as is required to provide a thin, even film without ponding. If excess Primer 2 is used it can bleed through the wet Flowtop and dry on the surface. Although any dried primer will wear off as the floor is put into use, it can lead to problems if the Flowtop is going to be painted.

## MIXING

Begin mixing immediately after Primer 2 has been applied. It is strongly recommended the entire kit be mixed and used rather than trying to split the kit. Empty the large container of resin into a clean empty bucket and gradually add the powder using a slow speed drill fitted with a mixing blade ensuring complete blending of the components. If using Flowtop Tinted, add the packet of colorant at this point. Continue mixing for approximately 3-5 minutes until an even color and creamy consistency is obtained. The mixed components should be used immediately.

## APPLICATION

Pour the mixed components on to the prepared surface. For best results the Primer 2 should, at this stage, be uniformly wet over the surface. Apply more primer if required to any areas which may have dried out although ponding should be avoided. Using a rectangular trowel spread the mixed components across the surface of the concrete at the desired thickness. Immediately after application use a spiked roller to release any trapped air and improve the finish. Work the spiked roller uniformly across the surface rolling each area 3 or 4 times from different directions. The spiked roller should not be used more than 20 minutes after the product has been applied (less in warm or very dry conditions). Once the Flowtop begins to cure, further use of the spike roller will start to leave roller marks which will not disappear. Care should be taken not to spread wet primer or the mixed components onto surrounding surfaces. External applications in direct sunlight can lead to hairline crazing. In exceptional temperature conditions, please contact a Watco Industrial Flooring Expert at (855) 627-6350.

## CURING TIME

Foot and light traffic may be allowed after approximately 6 hours. Flowtop will be ready for full use after 24-36 hours when laid at normal depths (i.e. 1/8-1/2 inch) These guidelines assume an ambient temperature of approximately 60-70°F and good ventilation. Lower temperatures will retard curing. Do not apply at less than 40°F or above 85°F. Temperatures over 77°F can make the material sticky to apply and lead to rapid drying out causing surface crazing, especially in direct sunlight.

## COVERAGE

55lb. kit will cover approximately 38sq. ft. at 1/8 inch thick. Flowtop should not generally be applied less than 1/8 inch thick.

## CLEAN UP

Remove excess material and wash with water before the product begins to cure.

## PHYSICAL PROPERTIES

<b>VOLATILE ORGANIC COMPOUNDS</b>	<50 g/l
<b>PRACTICAL COVERAGE</b>	Approximately 38sq. ft. per 55lb. kit at 1/8" thick to 1/2" thick
<b>CURING TIME</b>	Approximately 6 hrs. for light foot traffic, forklifts after 24 hrs. at 60-70°F
<b>STORAGE</b>	Flowtop should be stored for 8 hours prior to use at a temperature range of 60-77°F; after long term or higher temperature storage the primers and bottle of resin must be shaken thoroughly; the product must not be allowed to freeze
<b>SHELF LIFE</b>	6 months
<b>FLASHPOINT</b>	>200°F (94°C)
<b>WARNING</b>	<b>FOR INDUSTRIAL AND COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. REFER TO SAFETY DATA SHEET (SDS) AND LABEL FOR ADDITIONAL SAFETY INFORMATION.</b>

<b>FLOWTOP IS FAR STRONGER THAN CONCRETE. COMPARISON OVER 28 DAYS</b>	<b>TENSILE STRENGTH</b>	Flowtop 1131 psi	Concrete 493 psi
	<b>FLEXURAL STRENGTH</b>	Flowtop 1407 psi	Concrete 1001 psi
	<b>COMPRESSIVE STRENGTH</b>	Flowtop 5757 psi	Concrete 4322 psi