

# Sikagard® FlexCoat ATC (Acrylic Top Coat)

Single-component, water-based, acrylic top coat for Sikagard® FlexCoat

<b>Description</b>	Sikagard® FlexCoat ATC is a single component acrylic finish coating for two-coat application to Sikagard® FlexCoat in new or recoat work. Important characteristics of Top Coat are its durability and excellent weathering qualities.
<b>Where to Use</b>	Sikagard® FlexCoat ATC can be used as a top coat where uniformity is desired or colors other than Concrete Gray are desired. Sikagard® FlexCoat is an acrylic coating that will require maintenance and recoat applications will be dependant on its exposure to foot traffic.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>■ Tough, long-lasting finish.</li> <li>■ Weather-resistant.</li> <li>■ Excellent color retention.</li> <li>■ VOC compliant.</li> <li>■ No mess - self-mixing.</li> <li>■ Offers resistance to dirt pickup and mildew.</li> <li>■ Cost effective protection.</li> <li>■ Vapor permeable - allows each way water vapor diffusion (breathable)</li> </ul>
<b>Packaging</b>	5 gallon pail.
<b>Coverage</b>	Theoretical per coat: 300 sq.ft./gal/coat. Wet film thickness: 5 mils. Dry film thickness: 2.5 mils. Normal coating system is two coats minimum at a total nominal dry film thickness of 5 mils. Consumption is obviously dependent on substrate. In addition, allowance must be made for surface profile, variations in applied film thickness, loss and waste.

### Typical Data (Material and curing conditions @ 75°F {24°C})

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

<b>Shelf Life</b>	1 year in original, unopened bags.
<b>Storage Conditions</b>	Store dry at 40-95°F(4-35°C)- Protect From freezing. Condition material to 65-75°F before using.
<b>Colors</b>	Ivory Cream, Sandpiper Beige, Provincial Tan, Adobe, Toffee, Spanish Tile, Redwood Tile, Speedway Gray, Bright Gray, Dodge City Tan, Fired Brick, and Slate Green
<b>Vehicle Type</b>	Acrylate copolymer in aqueous dispersion
<b>Gloss 60 Gloss Meter</b>	90+
<b>Cleaning Solvent</b>	Water
<b>Physical Properties</b>	
Flexibility	Excellent
Weather	Excellent
Abrasion	Excellent
<b>Curing Time (77°F)</b>	
Dry to touch	1 hr.
Recoat	4 hrs.
Traffic	24 hrs.
<b>Color Retention</b>	No fading or deleterious effect. Atlas Twin-Arc Weatherometer, 20 mins. Cycle; 17 mins. Dry - 3 min., Wet - 300 hrs.
<b>Accelerated Ultraviolet Light Exposure</b>	No fading or visible deleterious effect under 10x magnification. Desert Sunshine Exposure Test, Inc., Phoenix, AZ "Procedure EMMA" (mirror-accelerated exposure).



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## Chemical Resistance

Environment	Immersion	Splash & Spillage	Exterior Weathering
Weak Acid	NR	LR	R
Alkali	LR	R	R
Solvent	NR	NR	NR
Salts	R	R	R
Water	R	R	R

R - Recommended  
 NR - Not recommended  
 LR - Limited recommendation

## How to Use

**Surface Preparation** All surfaces to be coated must be clean, dry, laitance free, sound and frost-free with all residues and any other contaminants removed. An open textured sandpaper-like surface is ideal. Where necessary, surfaces should be prepared mechanically by blast cleaning or high pressure water blasting. Allow adequate time for drying.

**Mixing** Stir thoroughly to ensure uniformity using a low speed (400-600) rpm drill and Sika Paddle. To minimize color variations when using multiple batches, blend two batches of Sikagard® FlexCoat ATC. Use one pail and maintain the second pail to repeat this procedure (boxing) for the entire application.

**Application** Any areas of glass or other surfaces should be masked. Recommended application temperatures (ambient and substrate) 45°-95°F (5°-35°C). Sikagard® FlexCoat ATC can be applied by brush, roller, or spray over entire area moving in one direction. Allow a minimum of 20-90 minutes prior to recoating. At lower temperatures and high humidity, waiting time will be prolonged. At higher temperatures, work carefully to maintain a 'wet' edge. Sikagard® FlexCoat ATC is usually applied using a short nap lamb's wool roller. Sikagard® Flex- Coat ATC is particularly suitable for application by spray using the most standard spray painting equipment.

As with all coatings, job site mock-ups should always be completed to confirm acceptability of workmanship and material. Apply first coat of Sikagard® FlexCoat ATC. Apply following coats (one or two depending on service conditions/requirements) by roller, brush or spray. Finish to specified texture.

**Caution:** Do not install Sikagard® FlexCoat in cold weather (i.e. below 50°F/10°C) or when rainfall can be expected prior to material setting.

**Over painting** Typically in normal 73°F and 50% relative humidity conditions, Sikagard® FlexCoat can be top coated with Sikagard® FlexCoat ATC after 24 hours.

- Limitations**
- Substrate must be dry prior to the application.
  - Sikagard® FlexCoat ATC should not be applied at relative humidities greater than 90%, or if rain is forecast within the specified rain resistance period.
  - Allow sufficient time for the substrate to dry after rain or other inclement conditions.
  - Product must be protected from freezing. If frozen, discard.
  - Not designed for use as a vehicular traffic bearing surface.
  - During application, regular monitoring of wet film thickness and material consumption is advised to insure that the correct layer thickness is achieved.
  - Developed and tested as the topcoat for Sikagard® FlexCoat product. Use of this material in any other applications will require testing.
  - Do not store Sikagard® FlexCoat ATC in direct sunlight for prolonged periods.

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