

## PRODUCT DATA SHEET

# Sikagard® FlexCoat ATC

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

### PRODUCT DESCRIPTION

Sikagard® FlexCoat ATC is a single component acrylic finish coating for two-coat application to Sikagard® FlexCoat ATC in new or recoat work. Important characteristics of Top Coat are its durability and excellent weathering qualities.

### USES

- Sikagard® FlexCoat ATC can be used as a top coat where uniformity is desired or colors other than Concrete Gray are desired.
- Sikagard® FlexCoat ATC is an acrylic coating that will require maintenance and recoat applications will be dependant on its exposure to foot traffic.

### CHARACTERISTICS / ADVANTAGES

- Tough, long-lasting finish
- Weather-resistant
- Excellent color retention
- VOC compliant
- No mess - self-mixing
- Resistant to dirt pickup and mildew
- Cost effective protection
- Vapor permeable - allows each way water vapor diffusion (breathable)

### PRODUCT INFORMATION

<b>Chemical Base</b>	Acrylate co-polymer in aqueous dispersion
<b>Packaging</b>	5 gal. (19 L) pail
<b>Appearance / Color</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>Shelf Life</b>	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging.
<b>Storage Conditions</b>	Store dry at 40–95 °F (4–35 °C). Protect from freezing. If frozen, discard material. Do not store in direct sunlight for prolonged periods.

## TECHNICAL INFORMATION

<b>Elongation at Break</b>	<b>Flexibility</b>		<b>Excellent</b>	
<b>Chemical Resistance</b>	<b>Environment</b>	<b>Immersion</b>	<b>Splash &amp; Spillage</b>	<b>Exterior Weathering</b>
	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				
<b>UV Exposure</b>	No fading or visible deleterious effect under 10x magnification. Desert Sunshine Exposure Test, Inc., Phoenix, AZ "Procedure EMMA" (mirror-accelerated exposure).			
<b>Resistance to Weathering</b>	Excellent			
<b>Abrasion Resistance</b>	Excellent			
<b>Service Temperature</b>	Condition material to 65–75 °F (18–24 °C) before using.			

## SYSTEM INFORMATION

<b>System Structure</b>	Gloss 60 Gloss Meter	90+
	Color Retention	No fading or deleterious effect.
	Atlas Twin-Arc Weatherometer, 20 min. cycles	Dry - 3 min.
		Wet - 300 hrs.

## APPLICATION INFORMATION

<b>Coverage</b>	300 ft <sup>2</sup> /gal/coat (Coverage figures do not include allowance for surface profile and porosity or material waste. In addition, allowance must be made for surface profile, variations in applied film thickness, loss and waste.)		
<b>Layer Thickness</b>		<b>Thickness</b>	<b>Min. coat</b>
	Wet film	5 mils	2
	Dry film	2.5 mils	2
<b>Ambient Air Temperature</b>	45–95 °F (5–35 °C)		
<b>Relative Air Humidity</b>	Sikagard® FlexCoat ATC should not be applied at relative humidity greater than 90 %, or if rain is forecast within the specified rain resistance period.		
<b>Substrate Temperature</b>	45–95 °F (5–35 °C)		
<b>Waiting / Recoat Times</b>	4 h (at 77 °F (25 °C) and 50 % R.H.)		
<b>Drying Time</b>	1 h (at 77 °F (25 °C) and 50 % R.H.)		
<b>Applied Product Ready for Use</b>	24 h (at 77 °F (25 °C) and 50 % R.H.) * Typically in normal 73°F and 50% relative humidity conditions, Sikagard® FlexCoat can be top coated with Sikagard® FlexCoat ATC after 24 hours.		

# APPLICATION INSTRUCTIONS

## SURFACE PREPARATION

- Surface to be coated must be clean, sound, dry and frost-free.
- Remove all deteriorated concrete, dirt, oil, grease, and other bond-inhibiting materials from the area to be repaired.
- 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

- As with all coatings, job site mock-ups should always be completed to confirm acceptability of workmanship and material.
- Any areas of glass or other surfaces should be masked.
- Sikagard® FlexCoat ATC can be applied by brush, roller, or spray over entire area moving in one direction. Sikagard® FlexCoat ATC is particularly suitable for application by spray using the most standard spray painting equipment.
- Apply first coat of Sikagard® FlexCoat ATC. Allow a minimum of 20–90 minutes prior to applying following coats (one or two depending on service conditions/requirements). 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.
- Finish to specified texture.

## CLEANING

- Cleaning solvent: water.

## LIMITATIONS

- 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 ATC product. Use of this material in any other applications will require testing.
- Do not install Sikagard® FlexCoat ATC in cold weather (i.e. below 50 °F/10 °C) or when rainfall can be expected prior to material setting.

- Allow sufficient time for the substrate to dry after rain or other inclement conditions.
- All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

## BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

## LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

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