

PRODUCT DATA SHEET

SikaColor-400 Opaque

A two-component reactive siloxane modified acrylic concrete stain that provides excellent physical properties with superior color hide

PRODUCT DESCRIPTION

SikaColor®-400 Opaque is a reactive acrylic self-etching solid color stain intended to stain concrete or cement-based materials. SikaColor®-400 Opaque provides ease of application and soap and water cleanup.

- Component A - SikaColor®-400 Tint Cup
- Component B - SikaColor®-400 Opaque

USES

- Colors uncolored, integrally colored and stamped concrete surfaces
- Residential driveways, patios, porches, garage floors, sidewalks
- Commercial hardscapes, walkways, vestibules, stairways, porte-cochères

CHARACTERISTICS / ADVANTAGES

- Solid color reactive concrete stain
- Etches surface of concrete
- Excellent UV resistance
- Low VOC-content, low odor
- Excellent abrasion resistance and durability
- Superior adhesion properties
- Low sheen
- Soap and water clean up
- Moisture tolerant
- Good de-icing salt resistance
- Water vapor permeable

ENVIRONMENTAL INFORMATION

By eliminating an acid etching surface preparation step, run off of hydrochloric acid into soil or drainage systems is prevented.

PRODUCT INFORMATION

Chemical Base	Acrylic	
Packaging	Component A	32 oz. (946.4 ml) fill in 32 oz. (946.4 ml) plastic container
	Component B	1.3 gal. (4.9 L) fill in 2 gal. (7.6 L) plastic pail
	Components A+B	1.5 gal. (5.7 L)
Shelf Life	24 months in original unopened container	
Storage Conditions	Do not freeze	

Appearance / Color	Available in 66 standard colors. Refer to the SikaColor®-100 P Powder Integral Colors color chart or the SikaColor®-120 G Granular Integral Colors color chart (excluding U35 Shadow Slate and U51 Clary Sage).	
Solid content by mass	Components A+B	37.5-39.5%
Viscosity	Components A+B	100-120 cP

TECHNICAL INFORMATION

Tensile Adhesion Strength	Components A+B Adhesion:	
	5B	ASTM D3359B
	300-500 PSI concrete Cohesions Failure	ASTM D4541
Service Temperature	Components A+B:	
	Hot Tire Resistance	Pass
Permeability to Water Vapor	Components A+B:	
	Water Vapor Transmittance	14.38 grains/h-ft ² ASTM E96
	Water Vapor Permeability	34.70 perms grains/h-ft ² - in Hg. ASTM E96

APPLICATION INFORMATION

Mixing Ratio	1 Part Component A to 1 Part Component B by volume	
Coverage	Components A+B	Typical coverage over broom finished concrete is 250-350 sq. ft. (23.2-32.5 m ²) per mixed unit. Greater coverage can be achieved over a smooth concrete substrate. Do not exceed 600 sq. ft. (55.7 m ²) per mixed unit or less than 4 mils wet film thickness.
Ambient Air Temperature	Components A+B	45-95°F (7.2-35°C)
Relative Air Humidity	Components A+B	Less than 75%
Dew Point	Components A+B	62°F (16.7°C) or lower for a minimum of 6 hours after product application
Pot Life	Components A+B	6 hours after mixing at 68°F (20°C)
Waiting / Recoat Times	Components A+B	6-24 hours
Drying Time	Components A+B:	
	Dry to Touch	2-4 hours
	Foot Traffic	4-6 hours
	Car Traffic	3 days

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.

LIMITATIONS

SikaColor®-400 Opaque shall not be thinned or reduced. SikaColor®-400 Opaque shall be applied at a minimum 4 mils wet film thickness or a maximum of 600 sq. ft. (55.7 m²) per mixed unit. Applying SikaColor®-400 Opaque outside of the recommended consumption rates will adversely affect the adhesion and physical properties of the product. A minimum 7 day cure for newly placed concrete is required before applying SikaColor®-400 Opaque.

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.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Prepare the substrate using an emulsifying degreaser. Power washing is preferred. Substrate must be dry, clean, and void of any prior sealers, curing materials, or other foreign materials that might prevent penetration or adhesion. Do not use acidic or citrus-based cleaners to prepare the substrate as they will adversely affect adhesion.

MIXING

Shake tint cup vigorously for 1 minute. Add Component A tint cup into Component B clear base. Mix mechanically for 3 minutes at low speed, taking care not to impregnate with air. Do not thin.

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Product Data Sheet

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APPLICATION

Recommended to be applied with 1/2"-1 1/4" nap roller cover (based on surface profile), brush, or soft bristle broom. Maintain a wet edge to avoid lap marks. Do not allow material to dry while puddled.

CLEANING OF TOOLS

Clean immediately with soap and water.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

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

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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