



Architectural Coatings

CONCRETE STAIN

GLN5010 Series

Glidden Interior/Exterior Concrete Stain Solid

GENERAL DESCRIPTION

Glidden Solid Concrete Stain is for use on concrete porches, patios, pool decks, walkways, driveways, garage, and basement floors. It is easy to apply, and available in 26 COOL SURFACE TECHNOLOGY™ colors. Hot Tire & UV resistance make it a great product for driveways, garage floors, and pool decks. This product stains and seals for a durable finish.

RECOMMENDED SUBSTRATES

Brick
Concrete
Concrete Pavers

FEATURES / BENEFITS

Cool Surface Technology - Limits Surface Temperature By Up To 20%*

For Use On Garage Floors, Driveways, Walkways & Pool Decks
Stains & Seals For A Durable Finish
Hot Tire & UV Resistant
100% Acrylic
Easy To Apply

*Limits hot weather surface temperature spikes of pedestrian and vehicular horizontal concrete surfaces when compared to products of similar color without Cool Surface Technology. Temperature containment may differ due to color, ambient temperature, direct sunlight, and time of day.

CONFORMANCE STANDARDS

VOC compliant in all regulated areas.

TINTING AND BASE INFORMATION

GLN5010 Pure White (Base 1)
GLN5050 Base 2 (Must Be Tinted)*

*Must be tinted before use.

This product can be tinted into 26 unique colors that utilize *Cool Surface Technology*. Colors from the Cool-Surface color pallet will reduce the surface temperature of the coating when compared to both bare concrete and similar colors not utilizing surface-cooling technology.

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

PRODUCT DATA

PRODUCT TYPE: 100% Acrylic
SHEEN*: Satin, 2-12 @ 85°
VOLUME SOLIDS*: 29% +/- 2%
WEIGHT SOLIDS*: 40% +/- 2%
WEIGHT/GALLON*: 9.8 lbs. (4.4 kg) +/- 0.2 lbs. (91 g)
VOC: < 100 g/L (0.8 lbs./gal.)

*Product data calculated on product GLN5010.

COVERAGE: Apply at 250 to 350 sq. ft. (23 to 33 sq. meters) per U.S. gallon (3.78 L) depending on porosity of surface to obtain optimum paint film performance properties. Apply two coats. Thin the first coat for better adhesion and apply the second coat unthinned. May be applied at up to 800 sq. ft. (74 sq. meters) per U.S. gallon (3.78 L) where the product performs like a semi-transparent stain.

Wet Film Thickness: 4.6 to 6.4 mils
Wet Microns: 117 to 163
Dry Film Thickness: 1.3 to 1.9 mils
Dry Microns: 33 to 48

Coverage figures do not include material loss due to surface irregularities and porosity, or material loss due to application method or mixing.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.
To Touch: 30 minutes
To Recoat: 6 hours
To Pedestrian Traffic: 24 hours
To Vehicular Traffic: 72 hours

At 35°F (2°C), allow 12 hours before recoating. Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

CLEANUP: Clean tools with warm, soapy water.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: > 200°F (93°C)

PACKAGING

1-Gallon (3.78 L)

GENERAL SURFACE PREPARATION

Coat only clean, dry surfaces. Remove mildew, dirt, oils, grease, wax, release agents, laitance, chalk, efflorescence, etc. with an appropriate cleaner. Previous coatings must be completely removed. Remove mildew by washing with a mixture of 1 part liquid chlorine bleach to 3 parts water. Rinse thoroughly and allow to dry. New concrete should age a minimum of 30 days. A profile or texture equivalent to 150-grit sandpaper is critical to ensure product penetration and adhesion. Creating the surface profile can be achieved by acid etching, careful power washing, or mechanical grinding. Concrete surfaces having a broomed finish or coarse surface texture do not require preparation beyond being clean and dry. If acid etching, follow manufacturer's recommendations.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted, NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

BRICK: New brick and mortar should cure for at least 30 days and preferably 90 days prior to sealing. The pH of the substrate must be less than 10 before painting. Painting glazed brick is not recommended due to potential adhesion problems.

CONCRETE: New concrete should cure for at least 30 days and preferably 90 days prior to painting. The pH of the substrate must be less than 10 before painting.

CONCRETE PAVERS: Remove loose aggregate. Clean, rinse thoroughly with water and allow to dry before painting

LIMITATIONS OF USE

Apply only when air, surface, and product temperatures are 35°F (2°C) or above and at least 5°F (3°C) above the dew point. Air and surface temperatures must remain 35°F (2°C) or above for the next 24 hours. Avoid painting late in the day when dew or condensation is likely to form or when rain or snow is expected.

Some surfaces coated with this product may become slippery when wet. **Please use caution.**

Do not apply to concrete floors that do not have a vapor barrier underneath, or to other surfaces where moisture gets behind the stain. Not recommended for use on surfaces demonstrating hydrostatic or high vapor pressure or for immersion service. Not intended for wood. Avoid exposure to solvents; strong acids and bases; wipe up oil and gasoline spills immediately.

PROTECT FROM FREEZING.

APPLICATION INFORMATION

Stir thoroughly. When using more than one can of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our web site or by calling 1-800-441-9695.

Application Equipment: Apply by brush, roller, or spray. Thin the first coat with up to ½ pint (237 mL) of fresh water per U.S. gallon (3.78 L). Thoroughly saturate concrete with first coat. Apply second coat unthinned. Apply both coats evenly; avoid puddles, heavy spots, and laps to prevent color variations in the applied film. Color differences will also occur due to differences in surface porosity.

Airless Spray: Minimum requirements - Pressure 1800-2400 psi; tip size .013"-.017"; flow rate 0.5 gal/minute. Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. High pressure injection of coatings into the skin by airless equipment may cause serious injury

Brush: High-quality Nylon/Polyester Brush

Roller: 3/8" - 1/2" nap roller cover

Thinning: Thin the first coat with up to ½ pint (237 mL) of fresh water per U.S. gallon (3.78 L).

Permissible temperatures during application:

Material:	35 to 90°F	4 to 32°C
Ambient:	35 to 90°F	4 to 32°C
Substrate:	35 to 90°F	4 to 32°C

PRECAUTIONS

WARNING! HARMFUL IF INHALED. HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. Do not breathe vapor or mist. Do not swallow. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information. FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. Call physician immediately. CONTAINS: water (7732-18-5), butanoic acid polymer (1887153-17-4), titanium dioxide (13463-67-7), 1-(2-butoxy-1-methylethoxy) propan-2-ol (29911-28-2), Kaolin (1332-58-7), Diatomaceous earth (61790-53-2). Contains isothiazolones. May cause allergic reaction. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515.

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