



# GLAZON SATIN PLUS

EPOXY FLOOR COATING: AIR DRY

SERIES E308

FOR INDUSTRIAL AND COMMERCIAL FLOORS



PORT BYRON, IL 61275 • 1-309-523-2121

1-800-747-1084 • FAX: 1-309-523-3912

[www.sandstromproducts.com](http://www.sandstromproducts.com)

## DESCRIPTION

Glazon Satin Plus is the ideal coating for industrial and commercial floors subject to forklift and other heavy industrial traffic. It maintains its appearance and luster longer than other epoxies. Glazon Satin Plus is an integral part of the Glazon Floor System, which offers a unique, attractive satin finish, long life and good light reflectance.

## OUTSTANDING FEATURES/BENEFITS

- Tough film withstands abrasion, impact, and severe traffic
- Resistant to: brake fluid, gasoline, JP4 Jet Fuel, Skydrol 500, motor oil, power steering fluid, mineral spirits, toluene, MEK and xylene
- Greater coverage due to high solids to solvent ratio
- Accelerated cure
- Application at temperatures down to 50°F

## TYPICAL USES

Recommended for flooring in warehouses, automotive and implement service centers, garages and industrial assembly lines.

## NOTICE

**Before using this product, read all warnings, limitations and safety information printed on the product label, Safety Data Sheet (MSDS), and Technical Data Sheet.**

## LIMITATIONS

- A 30 minute induction period is required when applying at temperatures between 50°F to 65°F or humidity above 60%. Application is not recommended at temperatures below 50°F or at 100% humidity.
- Use within 60 minutes of mixing.
- Not intended for use on vertical surfaces.
- Some chalking will occur on surfaces with exterior exposure.
- Do not topcoat with urethanes.
- If the time between coats exceeds 48 hours, surface must be sanded and all contaminants removed before recoating to ensure proper adhesion, application and performance.
- Do not exceed 15 mils wet per coat or "mud cracking" may result.
- Limit use of freshly coated floor to light traffic and non-harsh chemicals until material is fully cured. Floor must remain dry until material is fully cured.

## COMPOSITION AND PHYSICAL PROPERTIES

<b>Net Weight per gallon*</b>	11.90 ± 0.4 lbs.	<b>Vehicle</b>	Epoxy/Polyamide
<b>Weight Solids (A+B)</b>	72% ± 2% (Theoretical)	<b>Color</b>	Cloud Gray, Slate Gray, Clear; SPECIAL ORDER custom colors
<b>Volume Solids (A+B)</b>	57% ± 1% (Theoretical)	<b>Finish</b>	Semi-Gloss
<b>VOC</b>	3.2 lbs./gallon (384 g/L) (Theoretical)	<b>Gloss</b> ASTM D523	45 – 75 (60° meter)
<b>Odor</b>	Ammonia-like	<b>Induction Period</b>	None required at 77°F±5°F @ ≤ 70% relative humidity
<b>Mix Ratio</b>	1:1 by volume	<b>Pot Life</b>	2 hours @ 70°F
<b>Viscosity (A+B)</b>	70 - 80 KU @ 77°F	<b>Drying Time:</b>	At 77°F±5°F @ ≤ 70% relative humidity:
<b>Shelf Life</b>	2 years from date of manufacture in unopened container	<b>Tack Free</b>	4 hours
<b>Storage Conditions</b>	40°F – 100°F	<b>Between Coats</b>	8 – 12 hours (Optimal)
<b>Freeze/Thaw Stability</b>	Stable	<b>Light Foot Traffic</b>	16 hours
<b>Coverage Rate**</b>	190 - 210 sq. ft./gal @ 8 mils wet	<b>Heavy Traffic</b>	2 days
		<b>Complete Cure</b>	7 days

\*Varies by color.

\*\*Actual figures do not include spray loss. Also allow for surface irregularities and porosity, as well as material loss when mixing.

## PERFORMANCE AND FUNCTIONAL PROPERTIES

<b>CS-17 Taber Abrasion</b>	80 mg. loss after 1000 cycles CS-17 wheel, 1000 gram load
<b>Chemical/Fluid Resistance</b>	Resistant to most solvents, acid and alkalis, brake fluid, gasoline, JP4 Jet Fuel, Skydrol 500, motor oil, power steering fluid, mineral spirits, toluene, MEK and xylene
<b>Temperature Resistance</b>	Dry: 200°F

**IMPORTANT NOTICE TO BUYER / WARRANTY AND LIMITATIONS ON OUR LIABILITY**

We warrant our products to be free of manufacturing defects and that they meet our current published physical properties and specifications. All information and suggestions presented are rendered gratis and are accurate to the best of our knowledge. They are based on technical data we believe to be reliable and are intended for use by persons having skill and "know-how" at their own discretion and risk. Prior to use, customers are cautioned to determine the suitability of our products for any given application through their own testing. NO WARRANTY IS MADE, EXPRESS OR IMPLIED, REGARDING SUCH INFORMATION. THE DATA ON WHICH IT IS BASED OR THE RESULTS OBTAINED FROM ITS USE OR THAT OUR PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. SUCH STATEMENTS ARE NOT INTENDED TO SUGGEST INFRINGEMENT OF ANY PATENT. Since conditions of use of our products are beyond our control, all suggestions and statements are made without guarantee, warranty or other responsibility, express or implied, on our part. We assume no responsibility for results obtained, or damages incurred, from their use beyond replacing material proved to be defective or refunding the purchase price of such material at our option. Acceptance of delivery of our product means you have accepted the terms of this warranty, whether or not purchase orders of other documents state terms that vary from this warning. No seller is authorized to make any representations or warranty or assume any other liability on our behalf with any sales of our products. SANDSTROM PRODUCTS COMPANY

## GENERAL

For maximum service, the APPLICATION INSTRUCTIONS MUST BE FOLLOWED CLOSELY.

## COVERAGE

One gallon of this material will cover approximately 200 sq. ft. with a wet film thickness of 0.008 inches. Coverage depends upon methods of application and other variables such as type of surface to be coated. Above coverage rates are based on 100% efficiency.

## SURFACE PREPARATION

Surfaces **MUST** be clean, dry, and free of all dirt, grease, wax, loose or peeling paint, oil, detergents, concrete curing compounds and other contaminants. This product will not adhere to contaminated surfaces. Shot blasting is the preferred method of concrete profiling; however, it does not take the place of degreasing. After shot blasting, prepare the surface for coating by sweeping and vacuuming all loose material from the surface. Perform a tape test to ensure the surface is clean by applying a 2-inch wide strip of masking or duct tape to the surface and pulling up. If material is visible on the tape, sweep and vacuum until no debris remains.

**Application on concrete surfaces.** For application on concrete, follow SSPC-SP 13/NACE NO. 6, Surface Preparation of Concrete available at [www.SSPC.org](http://www.SSPC.org).

**Application on metal surfaces.** Degrease using Sandstrom D112 Epoxy Thinner Blend according to label directions. Next, remove all rust, mill scale and old paint down to a bright metal. Grind or sandblast for optimum adhesion. Remove all dust prior to applying Glazon Satin Plus. For optimum corrosion protection, first apply Sandstrom Aqua-Poxy E914 Primer according to directions.

**NOTE:** Shot blasted surfaces must be coated before any discoloration or oxidation takes place. If the surface becomes wet for whatever reason, it must be dried and re-blasted.

**ON ALL SURFACES, Conduct a "DRYNESS TEST".** Area to be coated needs to be tested to determine if any hydrostatic pressure or moisture vapor transmission problems exist to avoid any disbonding that might occur due to unseen moisture in the concrete.

## MIXING

Glazon Satin Plus must be stored at 70°F for at least 24 hours prior to use. Stir Component A and Component B in separate containers. Pour equal volumes of Component A and Component B together into clean container. Mix for 5 minutes and apply. Note: Mix only what can be applied within 60 minutes for gloss consistency.

**NOTE:** Allowing blended material to sit in temperatures above 70°F greatly decreases pot life. (EXCEPTION: Induct for 30 minutes prior to use when temperature is between 50°F to 65°F or humidity exceeds 60%.) Do not apply below 50°F, as the tack-free time extends to 18 to 24 hours; do not apply at 100% humidity, as the surface will not properly cure, resulting in a floor that picks up dirt easily, will not clean correctly and needs recoating under favorable conditions.

## THINNING

No thinning required- Glazon Satin Plus should be applied unthinned.

## APPLICATION

Glazon Satin Plus may be applied with brush, phenolic core roller or sprayer. Aluminum oxide grit may be added to the first coat for a skid resistant finish.\* Use a phenolic core roller cover with 3/16" to 1/4" nap for best results.

Before top coating, check for and remove blush (whitish, greasy film, or de-glossing) prior to top coating. Blush can be removed by using an ammonia solution.

\*Use 60 grit aluminum oxide at rate of ½ to 1 lb. per square foot, depending on desired degree of surface texture.

## CLEANUP

Sandstrom D112 Epoxy Thinner Blend is recommended.

## REMOVAL

In the event it is necessary to remove Glazon Satin Plus, shot blasting is best.

**WARNINGS:** Constant stirring is imperative for best results.

**DANGER! USE WITH ADEQUATE VENTILATION.**