

TECHNICAL INFORMATION GUIDE

GLAZON® SATIN PLUS

SERIES E308

A TWO COMPONENT, HIGH SOLIDS EPOXY FOR HEAVY DUTY USE

SANPRO®

WHAT THE PROS USE™

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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, offering a unique attractive satin finish, long life, and good light reflectance.

TYPE: Epoxy/Polyamide

COLORS: Cloud Gray (G80), Slate Gray (G58)
Clear (C01) SPECIAL ORDER

FINISH: Semi-Gloss

MIX RATIO: 1:1 by volume

PACKAGING: 2 gallon units (1 gallon "A" and 1 gallon "B")
10 gallon units (1 - 5 gallon pail "A" plus
1 - 5 gallon pail "B")

TYPICAL USES

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

OUTSTANDING FEATURES/BENEFITS

- Tough film withstands abrasion, impact, and severe traffic
- Resistant to many chemicals
- High solids means more paint in the can — less solvent, greater coverage
- Accelerated cure
- Application at temperatures down to 50°F

LIMITATIONS

- Applying at temperatures between 50°F and 65°F, or humidity above 60%, requires a 30 minute induction period. Application is not recommended at temperatures below 50°F, or at 100% humidity.
- To maintain consistent gloss levels, mix only the amount of product that can be applied within 60 minutes. Product applied after 60 minutes may exhibit higher gloss levels.
- Not intended for use on vertical surfaces.
- Some chalking will occur on 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 insure proper adhesion, application and performance.
- Do not exceed 15 wet mils 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 full cure of material has been reached.

COMPOSITION AND PHYSICAL PROPERTIES

| | | | |
|---------------------------------|--|-------------------------------------|--|
| Net Wt/Gal | 11.90 ± .4 lbs./gal. (Varies according to color) | Freeze/Thaw Stability in Can | Unaffected by freezing |
| Theoretical Solids (A+B) | By weight: 72% ± 2% By volume: 57% ± 1% | Shelf Life | 2 years in unopened containers |
| Cleanup | SANPROD112EPOXYTHINNER | Induction Period | None required @70°F, 50% relative humidity |
| Viscosity (A + B) | 70 - 80 KU's | Pot Life | 2 hours @ 70°F |
| Theoretical VOC (A + B) | 384 g/L (3.2 lbs/gal) | Storage Conditions | 40° to 100°F |
| Gloss (60° Meter) | 45 - 75 | Recommended Coverage Rate* | 190 - 210 sq ft/gal per coat Average 8 mils wet |
| Temperature Resistance | Dry: 200°F | Drying Time | Tack Free: 4 hours (@ 70°F, 50% humidity, adequate ventilation) Between Coats: 8 to 12 hours Light Foot Traffic: 16 hours Heavy Traffic: 2 days Complete Cure: 7 days |
| Abrasion Resistance | 80 mg. loss after 1000 cycles CS-17 wheel, 1000 gram load | | |
| Chemical Resistance | Resistant to most solvents, acids, and, alkalies | | |
| Odor | Ammonia-like | | |

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

NOTICE

Before using this product, read all warnings, limitations, and safety information printed on the label, the Material Safety Data Sheet, and the Technical Information Guide.

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. Shotblasting is the preferred method of concrete profiling. It does not take the place of degreasing. After shotblasting, prepare the surface for coating by sweeping and vacuuming all loose materials from the surface. Perform a tape test to insure the surface is clean by applying a 2 inch wide strip of masking or duct tape to the surface and pull up. If material is visible on the tape, sweep and vacuum until no debris remains.

NEW OR UNWEATHERED CONCRETE: Allow new concrete to be "wet" cured (no curing compounds) a minimum of 30 days. Prepare surfaces as stated above.

HEAVILY SOILED, OIL-SOAKED CONCRETE: Scrape off thick deposits of grime. Degrease with **SANPRO® EASY CLEAN**, according to label directions. Multiple degreasings may be required. Prepare surfaces as stated above. This product will not adhere to contaminated surfaces.

Conduct a "MAT TEST ": If the area to be coated has absorbed animal fats, grease, or oils of any kind, conduct a mat test after initial degreasing. Tape a small rubber floor mat down on the area in question. Tape completely around the perimeter of the mat. Allow to stand overnight. Next day, peel up the tape and the floor mat and examine the area. If any oil or grease has wicked up, degrease with **SANPRO EASY CLEAN** again, rinse thoroughly and allow to dry. If oil or grease still wick up, degrease the entire area again and repeat the mat test until no oil wicks up overnight. Testing and core sampling of the concrete may be necessary to determine extent of contaminant saturation and suitability for coating/resurfacing. This is buyer's responsibility.

PREVIOUSLY PAINTED SURFACES: Scrape off all loose paint. Scrub the surface with a solution of **SANPRO EASY CLEAN**. Rinse thoroughly and allow to dry. Sand using 60 to 120 grit paper to insure optimum coating adhesion. Remove all debris.

NOTE: Do not paint concrete treated with a curing compound or coated with a non-epoxy coating without first shotblasting the surface. If in doubt—shotblast prior to coating.

Test for Compatibility: When applying epoxy coatings, some previous coatings/sealers may "lift" during application. Test for compatibility by applying a small amount of mixed **SANPRO GLAZON SATIN PLUS** on the existing coating/sealer and letting it dry for 24 hours. Next, press on a piece of masking tape. Remove the tape with an abrupt upward action. If this does not remove the coating/sealer from the surface, it can probably be recoated with this product. If the previous coating/sealer does "lift", it must be chemically or mechanically removed down to a sound substrate.

SURFACE PREPARATION - CONTINUED

METAL SURFACES: Degrease using **SANPRO D112 EPOXY THINNER**, according to label directions. Next, remove all rust, mill scale, and old paint down to a bright metal. Grind or sandblast for optimum adhesion. For optimum corrosion protection, **SANPRO E914 AQUA POXY 914 PRIMER** should first be applied, according to directions.

NOTE: Sandblasted surfaces must be coated before any discoloration or oxidation takes place. If the surface becomes wet, for whatever reason, it must be dried and reblasted.

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. Follow the same procedure as in "MAT TEST" using a plastic sheet taped to the floor for a 24 hour period. If the concrete remains dry after the 24 hours have passed, the floor is then dry enough to begin coating.

MIXING PROCEDURE

SANPRO GLAZON SATIN PLUS must be stored at 70°F for at least 24 hours prior to use. Stir Component A and Component B, while in their original container, before mixing together. Pour equal volumes of Component A and Component B into clean container. Mix for 5 minutes and apply. 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:** When temperature is between 50° and 65°F, or humidity exceeds 60%, induct for 30 minutes prior to use.) Do not apply below 50°F, as the tack-free time extends to 18 to 24 hours; or 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, **SANPRO GLAZON SATIN PLUS** should be applied unreduced.

APPLICATION

Prime, uncoated, properly prepared (shotblasted and degreased) concrete with **SANPRO AQUA POXY PRIMER QUICK SET E304**. Followed by **GLAZON SATIN PLUS** as supplied.

SANPRO GLAZON SATIN PLUS may be applied with brush, phenolic core roller, or sprayer. **SANPRO SKID RESISTANT 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 topcoating check for blush (whitish, greasy film, or deglossing). These areas can be removed by using **SANPRO EASY CLEAN** and/or an ammonia solution. Any blush must be removed prior to topcoating.

CLEANUP

Use **SANPRO D112 EPOXY THINNER**.

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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 is accurate to the best of our knowledge. They are based on technical data which 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 MERCHANTABILITY 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 or 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. ©2/98 SANDSTROM PRODUCTS COMPANY 6/12/03