



### GSS-10™ Graffiti Solution System: GSS-307 Base/Barrier Coat

#### System Overview

GSS-307 Base Coat is a single component, water-based acrylic co-polymer, high performance coating used with the GSS Graffiti Solution System. It is the base coat used on substrates with the GSS-10™ Anti-Graffiti Coating System clear or pigmented finish coats (GSS-100, 101, 102, 202, 201, 202).

**GSS-307 is used as a base coat to create a pin-hole free surface and to create a barrier coat to maintain the original look of the substrate.** Do not rely on the GSS-10™ finish coat to create the pinhole free surface.

#### Special Features

The use of GSS-307 base coat will insure the least amount of color change to the substrate. GSS-307 base coat will fill and build the substrate in the most efficient manner possible.

#### System Strengths

- SCAQMD Rule 1113 VOC Compliant
- Surface permeability (breathability)
- Excellent water repellency
- Excellent UV stability & stain resistance
- Non-yellowing
- Non-chalking
- Fills voids and pinholes
- 25-30 year useful life

#### System Limitations

- Not recommended for below-grade applications.
- Not recommended for glass & some forms of plastics.
- Will not prevent water penetration through structural cracks or open joints.

#### Substrate Applications

- All Cementitious Substrates
- Brick
- Concrete
- Stucco
- EIFS
- CMU
- Metal
- Signs
- Painted Surfaces
- Stone
- Granite
- Marble
- Shale
- Slate
- Wood

Smooth  
Split Faced  
Burnished  
Fluted

#### PRODUCTS AVAILABLE FROM

GSS COATINGS, LLC

GSS-100 Clear Finish Coat

GSS-200 Pigmented Finish Coat

GSS-307 Base Coat

GSS-308 Sure Bond™

GSS-400 Erasol® Graffiti Remover

GSS-500 Aqua-lock™ Water Repellent



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**GSS Coatings, LLC GSS-10 Anti-Graffiti Coating System GSS-307 Base Coat**

**GSS-307 Base Coat substrate coverage guide:**  
Coverage is based on one coat.

Always test to ensure substrate aesthetics and coverage.

Substrate	Type	Use	Coverage
Architectural Concrete Block	Honed	Yes	200-300 sq.ft.
	Smooth	Yes	
	Ribbed	Yes*	
	Split-Faced	Yes*	
Concrete	Brick	Yes	275-350 sq.ft.
	Tile	Yes	
	Precast Panels	Yes	
	Cast-in-place	Yes	
Fire Clay	Brick	Yes	250-300 sq.ft.
	Tile	Yes	
	Terra Cotta	Yes	
EIFS Plaster Marble Travertine		Yes	250-300 sq.ft.
		Yes	
		Yes	
		Yes	
Limestone Sandstone Granite	Polished	Yes**	250-300 sq.ft.
	Unpolished	Yes	
		Yes	
Painted Substrates		Yes***	250-300 sq.ft.
Metal		Yes**	250-300 sq.ft.

**NOTES:** •Pin-hole free substrate must be achieved for all applications requiring warranty.  
*Lightweight or feather-lite block may require additional coats to achieve a pin-hole free substrate.*

\* 2 coats may be required.

\*\* Substitute GSS-308 Sure Bond™ in place of GSS-307.

\*\*\* GSS-307 & Clear or Pigmented GSS100-200.



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## **GSS Coatings, LLC GSS-10 Anti-Graffiti Coating System GSS-307 Base Coat**

### ***Work-Site Preparation***

Protect people, vehicles, property, foliage, and surfaces not to be coated and that may be subject to splash, fumes, and wind drift of product.

Ensure fresh air entry and cross ventilation during application and drying process. Extinguish all flames, pilot lights and any other potential sources of ignition during the application and drying process.

### ***Substrate Preparation***

Substrate should be thoroughly dry, cleaned and free from dust, surface dirt, oil, grease, and other contaminants that might prevent adhesion of coating. Freshly poured concrete should be thoroughly cured 28 days before application. Sealants and caulking should be fully cured prior to application.

### ***Surface and Air Temperatures***

Surface and air temperatures should be 45-95°F during application.

### ***Standard Application Instructions***

- 1:** Thoroughly clean all surfaces of dust, dirt, tar, oils, cleaning agents, and any other contaminants that may prevent penetration of the coating or cause a negative reaction with the coatings.
- 2:** **The goal and purpose of the GSS-307 Base Coat is to provide a pinhole free coating on the substrate surface.**
- 3:** Strain GSS-307 Base Coat through bucket strainer. Any solid material caught in the straining process should be reintroduced to material by squeezing through the strainer. Box 5 to 7 times. **Do Not use drill mixer to mix. Boxing is preferred mixing method.**
- 4:** Apply GSS-307 Base Coat with an airless sprayer equipped with a 517 tip. When applying base coat ensure that enough material is applied so that there is a bluish hue to the substrate. This insures (per coat) that enough of the GSS-307 product has been applied to the substrate, and is ready to be back rolled.
- 5:** Back roll GSS-307 only to remove bluish hue. Do not over work the base coat.
- 6:** If a second coat is required, repeat the process but only after first coat has dried leaving the substrate in its original aesthetic form ("wet look" to be gone).
- 7:** It is best to apply GSS-10 Finish Coat no sooner than 18 hours and no longer than 48 hours. If longer than 24 hours, be sure that surface is clean of dust, dirt, and debris for best adhesion.



**GSS Coatings, LLC GSS-10 Anti-Graffiti Coating Systems GSS-307 Base Coat**

**Safety Information**

**Read MSDS for precautionary instructions prior to use.**

**First Aid Information**

**Ingestion and Aspiration Hazard:** If ingested, call a physician immediately. Do not induce vomiting or give anything by mouth. Only induce vomiting at the instruction of a physician. If vomiting occurs, keep head below waist to prevent entry of liquid into lungs.

**Eye Contact:** Rinse eye thoroughly for 15 minutes. Get medical assistance if irritation persists.

**Skin Contact:** Rinse thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

**Inhalation:** Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.

**24 Hour Emergency Information:**  
**Chem-Tel 800-255-3924**

**Equipment**

Airless sprayer to apply GSS-307 Base Coat. Preferred tip size is 517. Use low pressure to create an efficient fan of material during application.

Roller rig with proper sized nap depending on substrate to be coated.

**Clean Up & Disposal**

Clean tools and equipment immediately after use with clear cool water.

Dispose of unused product and container in accordance with local, state, and federal regulations.

**No Dilution of GSS-307 Base Coat, GSS-100 Top Coat, and GSS-308 Sure Bond™:** Do not dilute or alter in any manner. Refer to mixing instructions.

**Technical Data**

**GSS-307 Base Coat**

<b>Form:</b>	<b>Clear Liquid</b>
<b>Specific Gravity:</b>	<b>1.0315</b>
<b>WT/GAL:</b>	<b>8.6441</b>
<b>Total Solids:</b>	<b>37%</b>
<b>VOC Content:</b>	<b>&lt;98 g/L</b>
<b>Shelf Life:</b>	<b>2 years in a tightly sealed unopened container</b>

•Meets SCAQMD Rule 1113 Requirements



## **GSS Coatings, LLC GSS-10 Anti-Graffiti Coating Systems GSS-307 Base Coat**

### ***Graffiti Removal***

Use GSS-400 Erasol® to removal graffiti. See Product Tech Data Sheet for instructions.

### ***Warranty***

20 year performance warranty available for GSS System. Unlimited removals and no ghosting, staining, or shadowing. Contact GS Coatings, LLC for full details and re-requirements.

### ***Successful Application Tips***

- Following safety procedures
- Proper Surface preparation
- Be aware of environmental conditions
- Use clean equipment, no cross contamination
- Follow mixing and application instructions
- Be aware of wind conditions & surrounding vehicles, homes, and businesses.
- Proper substrate surface preparation
- Proper choice and use of base coating
- Proper use of removal system
- Proper clean-up, storage, and disposal of products and equipment.