



Global Sealer  
Technologies

# Satin Seal



*Water-Based  
Stain Resistant Acrylic Sealer*



Satin Seal is a state-of-the-art water based acrylic sealer with a satin sheen finish designed to enhance the natural colors of the applied surface.

- Inhibits efflorescence
- Water-based solvent free and low odor
- Interior and exterior use
- Oil and stain resistant
- Excellent adhesion
- Water repellent
- Non yellowing and UV resistant
- Easily applied, fast drying and long lasting
- Re-coatable
- 20-25% color densification

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



# Satin Seal

## Water-Based Stain Resistant Acrylic Sealer

### Overview

#### DESCRIPTION:

**Satin Seal** is formulated from current state-of-the-art water-based ultra violet resistant acrylic coatings technology. Designed as a film forming acrylic sealer, **Satin Seal** creates a non-yellowing barrier coating that seals and protects concrete, exposed aggregate, natural stone, slate, stamped and colored concrete against food stains, grease, oils, rust and water, while enhancing the natural colors of the applied surface whether indoors or out.

When used on surfaces like concrete pavers, **Satin Seal** penetrates deeply, providing long-term protective service. For all unsealed surfaces, it makes a perfect base coat prior to the application of **GST Final Coat**, buffable floor polish and wear coat. **Satin Seal** will resist most stains for 24 hours, however, oils and especially solvents should be wiped up soon after spillage has occurred.

#### LIMITATIONS:

Not recommended for non GST product pre-sealed surfaces or non-porous surfaces such as ceramic tile, marble, granite, porcelain and terrazzo. Do not use where hydrostatic pressure is possible.

#### USE ON:

- Standard concrete
- Colored and stamped concrete
- Exposed aggregate concrete
- Interlocking concrete pavers
- Mexican Saltillo tile
- Manufactured stone
- Masonry brick
- Natural stone
- Slate

#### FEATURES:

- Inhibits efflorescence
- Water-based solvent free and low odor
- Interior and exterior use
- Oil and stain resistant
- Excellent adhesion
- Water repellent
- Non yellowing and UV resistant
- Easily applied, fast drying and long lasting
- Re-coatable
- 20-25% color densification

### Specifications:

**VOC:** ..... 14 g/l  
**WEIGHT PER GALLON:** .....8.4 lbs.  
**FLASH POINT:** .....>240°F (115°C)  
**APPEARANCE:** .....Milky  
**ODOR:** .....Mild acrylic  
**PACKAGE VISCOSITY:** .....19 sec. Zahn Cup #2  
**SOLIDS:**  
 By Weight ..... 17%  
 By Volume ..... 18%

#### COVERAGE:

Porous Surface ..... 100 – 250 sq.ft./gal  
 Dense Concrete .....250 – 500 sq.ft./gal  
 For exact coverage rates, a measured quantity to proper saturation over a known area will provide a square foot coverage rate for a specific job.

#### DRY SCHEDULE: (at 50% RH and one mil DFT)

Dry Time: .....30 mins to 3 hrs  
 Rainproof: ..... 24 hrs  
 Cure Time: .....4-7 days

**GST PRODUCT CODE:** .....GST 503

#### SHIPPING DESCRIPTION:

Ground/Air/Vessel: ..... Not Regulated  
 Required Label: ..... Not Required  
 Required Marking: ..... Not Required

**UNIFORM FIRE CODE: (CFR 29)** .....Non combustible

**STORAGE TEMPERATURE:** ..... 35° F. - 120° F.

#### KEEP THIS PRODUCT FROM FREEZING

**SHELF LIFE:** .....Warrantied One Year

**HMIS RATINGS:** .....H - 1; F - 1; R - 0; PP - H

#### CLEAN UP:

When wet ..... Flush with clean water.  
 To remove: ..... Abrasive blasting or chemical stripper.

*Available in one gallon and five gallon sizes. 55 gallon drums and 275 gallon totes are also available upon request.*

**NOTE:** *Meets or exceeds Federal EPA standards for VOC compliance. Meets or exceeds South Coast Air Quality Management District and the Bay Area Air Quality Management District, for VOC compliance of less than 100g/l required by the State of California.*

**MANUFACTURED IN THE USA**



**IMPORTANT NOTE:**

Before use on a job, thoroughly test this product on a sample to assure performance and appearance. Use only in well ventilated areas. Immediately remove pools or puddles were over application has occurred.

**SURFACE PREPARATION:**

Cleaning your hardscape project with a pressure washer and/or a surface cleaner is the first step in preparing for a successful project. It is strongly recommended to utilize a heated pressure washer to aid in the cleaning process. A heated pressure washer in conjunction with *Pro Grade Cleaner* will remove most organic stains, weeds, and old polymeric sand in considerably less time than it would take with a cold water unit. A heated pressure washer will also aid in the removal of residual sealer and decrease the labor when 'stripping' old sealer off.

Stringent cleaners such as muriatic acid can be very harmful to your pavement, causing irreversible damage to the surface. Most colorants for concrete are made from iron oxide (FeO2) or better known as rust. Strong acids like muriatic acid will dissolve these pigments permanently changing the appearance and etching the surface.

*Allow product to dry thoroughly before applying a sealer.*

**THINNING:** ..... Not required, use as is.

**APPLICATION:**

*GST's Satin Seal* is applied with our *Low Volume Pump Sprayer*. Applying sealer on perimeter edges with a roller is acceptable to eliminate overspray on vegetation and surrounding structures. Using the *GST Low Volume Pump Sprayer*, add sealer up to the top of the GST Logo printed on the sprayer. Pump the sprayer approximately 30 times to pressurize the tank. Hold the spray wand 8"-10" from the surface and begin to apply the sealer using an overlapping circular motion to ensure an even application. To maintain a consistent even flow of sealer, it will be necessary to continually pump up the sprayer as the pressure in the tank decreases.

Upon initial application, the surface will appear 'wet-damp'. When dry, there should be a 20-25% color enhancement with a light to medium satin finish.

If you over-apply the sealer and create puddles, it will be necessary to stop spraying and disperse additional sealer on the surface with a blower. One coat will seal and protect the surface. A second coat may be necessary on highly porous surfaces. GST sprayers are made with chemically resistant tips and seals.

After use, simply run approximately 1 quart of *Pro Grade Cleaner* diluted 5:1 with water through the sprayer. This will ensure your sprayer will function properly for future use. Replacement tips are available.

Do not apply *Satin Seal* during inclement weather or in direct sunlight when temperatures exceed 80°F. Application to a damp surface or uncured concrete (28 day minimum) may cause a hazy appearance or loss of adhesion. Air and surface temperature should be between 50°F and 80°F for 24 hours following application.

**WATER PENETRATION TEST:**

Drop a small amount of water on the sealed surface. If water penetration occurs or if water does not bead up on the surface, the application of additional sealer is required.

**KEEP OUT OF THE REACH OF CHILDREN**

**CONTAINS:** Diethanolamine, CAS# 111-42-2; Nonylphenyl Polyethylene Glycol Ether, CAS# 12087-87-0; Aliphatic Propylene Glycol Ethers, CAS # 5131-66-8; Formaldehyde CAS# 50-00-0.



**WARNING**



**IF INHALED:** May cause respiratory tract irritation. Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**IF ON SKIN:** Can cause skin irritation and dryness with prolonged skin contact. Wash with plenty of soap and water.

**IF INGESTED:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Call a Poison Center or doctor if you feel unwell.

**IF IN EYES:** Causes eye irritation. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**STORAGE AND DISPOSAL:** Dispose of contents/container according to local, city, state, and federal regulations.

*Refer to SDS at [www.gstinternational.com](http://www.gstinternational.com) for complete safety information.*

This product is made from the finest raw materials available and manufactured to proven formulation under strict quality control for its intended use. However, results obtained with the use of this product under a variety of conditions may depend on circumstances beyond our control. GST International, Inc. and the seller therefore disclaim any responsibility for damage of any kind. The only warranty extended, expressed or implied, is for defective material.

PRODUCT WARRANTY: The statements made herein, on labels, product bulletins, or by any of GST International employees or agents concerning this product are given for general information only. Due to variables beyond GST International's control in application, surface preparation, surface temperature, humidity and other variable factors GST International assumes no liability for any claim that may arise out of the use of its products and disclaims any warranty expressed or implied relating to the storage, application, thinning, merchantability, Buyer's assumption of performance, and the fitness for a particular purpose. Receipt of products from GST International or its agents constitutes acceptance of the terms of this warranty. In the event that GST International finds that the product delivered is not of GST International's standard quality, GST International will at its sole discretion, either replace the product or refund the purchase price. GST International's choice of one of these remedies shall be the Buyer's sole remedy. GST International will under no circumstances be liable for consequential damages, except insofar as liability is mandated by law. GST International will deliver products at agreed times insofar as it is reasonably able to do so, but it will not be liable for failure to deliver on time when the failure is beyond its reasonable control.



Global Sealer Technologies



PREP & CLEAN



## Our Family of Products:

### Where Efflorescence, Rust or Cement Scale is Present

Use **Clean Concrete** to remove efflorescence, rust and cement staining.

### Where Cleaning is Needed or Efflorescence Remover Has Been Used

Use **Pro-Grade Cleaner** to thoroughly clean, remove oil, grease, dirt and prepare the surface prior to applying any of the GST Sealers.

Use **ProGrade Cleaner** to neutralize pH where **Clean Concrete** was used.

### Where Deep Seated Oil and Grease Stains Are Present

**Degreaser Pro** is a complete heavy duty concrete and masonry cleaner and degreaser specifically designed to clean deep seated oil and grease stains, chewing gum residue, organic stains on all hardscape surfaces.

SEAL & PROTECT



### Choose an Invisible or Appearance Enhancing Sealer

To be applied after the surface is clean and dry.

Choose an Appearance Enhancing Sealer:

- Low Sheen Wet Look Lacquer
- High Gloss Wet Look Lacquer
- Lock 'N Seal
- Satin Seal
- Final Coat

Choose an Invisible Sealer:

- Water Block
- Stain Block Elite

### Product Characteristics:

### Use With:

#### Product Guide

	High Gloss	Low Sheen	Satin	Invisible	Light Enhancement	Heavy Enhancement	Repels Water	Repels Grease and Oil	Resists Stains	Resists Efflorescence	Removes Spalling	Removes Oil, Grime	Removes Rust, Efflorescence	Indoor applications	Outdoor applications	Porous Surfaces	Dense Surfaces	Concrete, Exposed Aggregate	Pavers and Slabs	Concrete Block Walls	Brick Masonry	Natural Stone & Travertine	Manufactured Stone	Synthetic Floors	Tiles
High Gloss Wet Look	✓				✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓				
Low Sheen Wet Look		✓	✓		✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓				
High Gloss Low VOC	✓				✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓				
Low Sheen Low VOC		✓	✓		✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓				
Lock n Seal			✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓				
Satin Seal			✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓			
Final Coat	✓			✓										✓									✓	✓	
Stain Block Elite			✓		✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Water Block			✓		✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Pro-Grade Cleaner											✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Clean Concrete											✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Degreaser Pro											✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Product Information Chart

All products are available in standard one gallon and five gallon sizes. 55 gallon drums and 275 gallon totes are also available upon request.

24/01/2022