

PRODUCT

Satin Stone is the latest technology in SEMCO Cross Linking sealers. It interlocks with applied substrates solidifying and creating total surface protection with a density enhancement of up to 85%. Excellent for interior and exterior use while handling rigorous surface conditions including high traffic commercial and industrial environments.



SUBSTRATES

- X-BOND System
- Pre-Stain System
- New and existing concrete
- New and existing coatings
- Polished concrete
- New and existing stamped
- Concrete

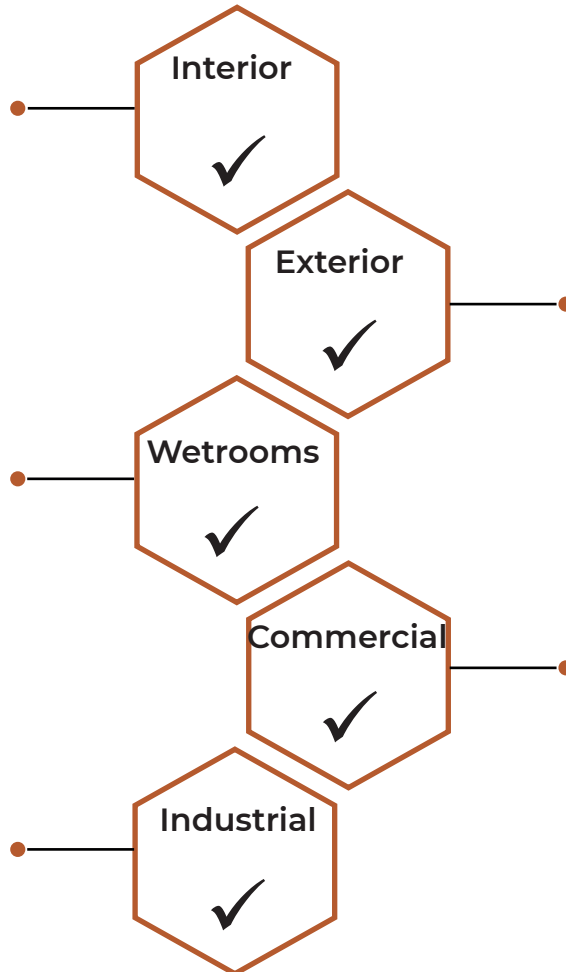
COVERAGE

COVERAGE sq ft. / 1,5 gal Kit @ 3 coats

| | |
|-------------------|-----------|
| Concrete | 200 - 250 |
| Polished concrete | 250 - 300 |
| Artificial stone | 200 - 250 |
| Stamped Concrete | 150 - 250 |
| Natural stone | 150 - 250 |
| SEMCO ADA | 150 - 250 |

USES

Get the durability and performance of a solvent-based system, but with the easy application and clean-up of water-based products.



With its low water permeability, Satin Stone can be used in showers.

Excellent chemical resistance and industrial strength finish allow Satin Stone to be used in an industrial environment.

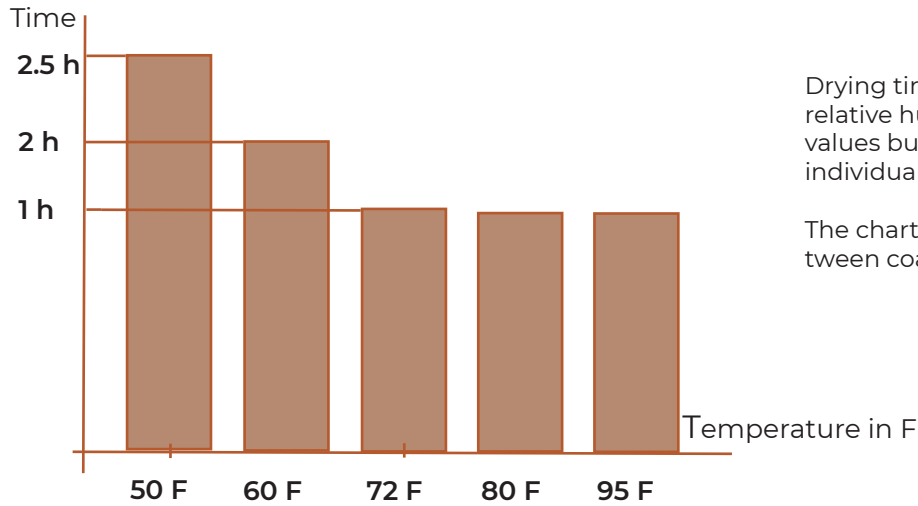
UV-resistant and can be applied to multiple surfaces to give extra protection.

Satin Stone's extreme durability and resistance to abrasion, allows it to be used in high foot traffic areas such as commercial spaces.

APPLICATION

| | |
|-------------------------|---------------------------------------------------------------------------|
| Application | Airless sprayer tip size 21 at 1,000 PSI , Magic Trowel, short nap roller |
| Application environment | Apply at temperatures from 50°F to 90°F |
| Color | Part A - milky white, Part B - light amber |
| Chemical type | Polyurethane hybrid |
| Clean up | SEMCO Stone Soap with water |
| Shelf life | 1 year in controlled environment (ambient temperature of 60F - 72F) |
| Packaging | Part A - 1 gal. pail, Part B - 0.5 gal. pail |

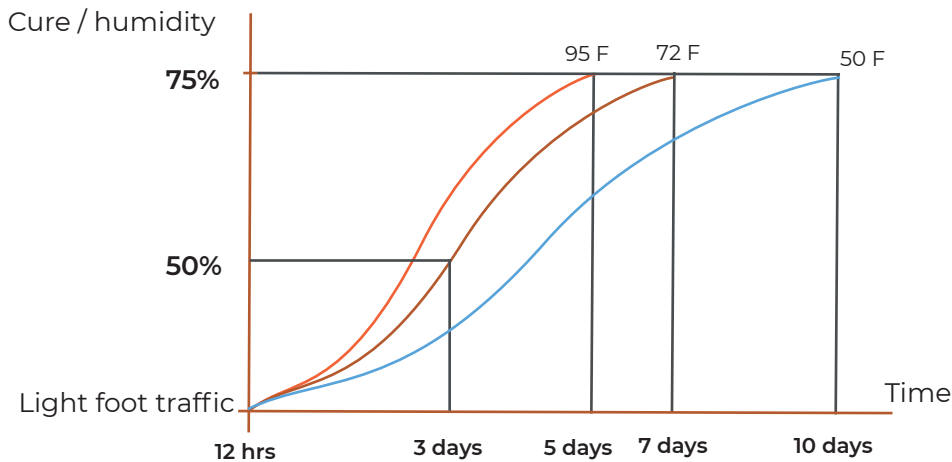
DRYING / RECOAT TIME



Drying times are affected by temperature and relative humidity. The chart represents guideline values but each project is to be treated individually.

The chart represents the time needed in between coats at specified temperature.

CURE TIME



Curing time is affected by temperature and humidity.

For example at only 50F, a full cure would take 10 days in comparison to at 95 F it would only take 5 days to cure.

TEST RESULTS

| | |
|--------------------------------------------|------------------------------|
| Abrasion testing ISO 7784 with 10,000 rubs | Mass loss of 0.017g only |
| Water permeability EN 1062-3 | W3 - low at 0.013 |
| VOC Emission test according EMICODE | EC 1 PLUS |
| Performance test - stain resistance | passed |
| Slip resistance ADA Safety Surface | DCOF 0.86 |
| Slip resistance AS/NZS 4586 - pendulum | Slider 96(4S) - P4 = 45 - 54 |

PROCEDURE

STEP 1

- Execute appropriate preparation method to suit your needs before application. Reference to the SEMCO SIP Manual under the Surface Preparation Section.
- Test pH level after preparation (optimal pH level is 6.8 - 7.8)

STEP 2

- Mix 2 parts of Part A and 1 part of Part B (included in your product order) with a low speed mixer and epoxy mixing paddle (at 200 - 300 RPM for 20 seconds), stirring thoroughly, avoid mixing more product than can be applied. Product pot life is up to 35 minutes depending on temperature (MARK TIME ON CONTAINER)Test pH level after preparation
- Use airless sprayer with tip size 21 at 850-1,000 PSI. Position the airless sprayer gun at 18" away from the floor
- OPTIONAL: use magic trowel to spread the product. Do not go back and forth
- Minimum of 3 coats is required to ensure 1.5 mil (0,04mm) film thickness
- On vertical surfaces : Apply Satin Stone with a woven 1/4" nap roller and use Magic trowel to spread it evenly. Start from top to bottom. Minimum of 3 coats is required. Use HVLP with a large tip to apply Satin Stone on large surface areas.

TOOLS NEEDED

- Airless sprayer with tip size 21
- Optional : Magic Trowel
- Woven nap roller for vertical surfaces

NOTES

- Extended application procedures can be found in the SEMCO SIP Manual.
- Procedures for cleaning of the flooring system during operations can be found in the SEMCO SIP Manual or upon request
- Safety Data Sheets for SEMCO Satin Stone are available upon request.
- Over time due to normal wear, abrasion, traffic and cleaning. Generally, high gloss coatings are subject to a reduction in gloss, while matte finish coatings can increase in gloss level under normal operating conditions.
- Excessive service conditions, such as steel- or hard plastic-wheeled traffic or dragging heavy metal equipment or loaded pallets with protruding nails over the surface, are categorized as misuse and abuse.
- Allowances must be made for scratches or abrasions that occur due to moving or sliding furniture or fixtures over the surface

Scan to watch application



WARRANTY 5 year standard limited warranty, 10 year for non-traffic surfaces

PRECAUTIONS

Always test a small area first to determine ease of application and desired results. When performing a flood test remove all excess water if test is performed prior to 100% curing. Not for use on humans or animals. Be sure to read container label and Safety Data Sheet for additional handling requirements before using this product.

LIMITED WARRANTY NOTICE

SEMCO Modern Seamless Surface warrants that its products will meet their specifications. There are no other warranties, expressed or implied of merchantability or fitness of use. The only obligation of the seller-manufacturer shall be to replace material found to be defective. SEMCO Modern Seamless Surface will not be liable for labor or consequential damage of any kind. The information contained herein is, to the best of our knowledge and belief, true and accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. All chemicals may present unknown health hazards and should be used with caution.

Proudly made in USA



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SEMCO
modern seamless surface
SURFACE ENGINEERING COMPANY