

Category &gt; Protect

# SaltShield

## Salt Repellent Treatment for Concrete

### Product Description

Ameripolish® Salt Shield is a siloxane-based water repellent and chloride barrier designed for concrete and masonry surfaces, such as concrete block, clay brick, and concrete brick. It safeguards both horizontal and vertical surfaces against moisture ingress and chloride salt corrosion, mitigating rebar deterioration and surface spalling. This product is ideal for coastal environments, offering protection against salt-laden air and reducing chloride penetration. It also prevents deep staining from waterborne contaminants like mud.

### Features

- Ideal for use on any concrete or masonry surface indoor or outdoor
- Extremely long-lasting and high coverage rate
- Water-based, fast drying
- Low VOC and non-flammable
- Low odor
- Does not alter concrete appearance

### Uses

Ameripolish® SaltShield™ is ideal to be used on:

- Cast, precast, concrete masonry units, and pavers to prevent staining and water damage.
- New or existing concrete
- Helps resist salts from damaging the surface
- Not suitable for limestone, marble, travertine, or other calcareous stones; always test natural stone surfaces

### Dilution & Coverage

Ameripolish® SaltShield™ is a Ready to Use (RTU) product and should not be mixed with any other chemical. Approximate coverage rate is 400 - 800 sqft per gallon depending on the porosity of concrete or other surfaces.

### Technical Specifications

- Form: Clear, slightly yellow liquid
- Odor: Mild petroleum
- Specific Gravity: 0.794
- pH: Not applicable
- Weight per Gallon: 6.61 lbs
- Active Content: 11%

### Product Specification

Application:	Spray
Appearance:	Milky
VOC:	Compliant (3.5g/l)
Shelf life:	1 year
Solvent:	Water-Based

### Packaging Specification

Product #	Shipping Wt.	Container
salts-1	10 lbs.	1 gallon RTU
salts-5	50 lbs.	5 gallons RTU
salts-30	300 lbs.	30 gallons RTU
salts-55	550 lbs.	55 gallons RTU
salts-250	2,500 lbs.	250 gallons RTU



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- Total Solids: 9%
- VOC Content: 713 g/L
- Flash Point: 127°F (53°C) per ASTM D 3278
- Freeze Point: No data available
- Shelf Life: 2 years in unopened, tightly sealed containers

### Preparation

Does not alter concrete appearance. Thoroughly clean the surface that Ameripolish® SaltShield™ Salt repellent Treatment is to be applied to, clean the surface with fresh water, allowing it to dry thoroughly. New concrete should cure for at least 28 days before application.

### Horizontal Application

1. Prior to starting project, apply Ameripolish® SaltShield™ to sample area of each type of concrete to be treated, using applications procedures proposed for project. Confirm that concrete is receptive to salt repellent.
2. Ambient temperature during application should be 40-90°F (4-32°C). Product must be kept dry for 12 hours after application. Do not apply when rain is expected.
3. Apply Ameripolish® SaltShield™ using an Ameripolish® approved sprayer or similar low pressure sprayer fitted with a gray #8 or similar conical mist tip with gal/hr flow at 40 psi, (15.9 L/hr at 275.8 kPa)
4. Spray on to thoroughly wet surface without puddling. Allow product to dry, usually 15-60 minutes.
5. Clean up tools and over-spray with water before product dries. Do not allow surface to become wet for at least 12 hours. The surface is ready for foot or vehicular traffic one hour after surface dries.

### Vertical Application

1. Spray: Use low-pressure (<50 psi) spray, applying from bottom up to achieve a rundown below the spray pattern. Brush out runs and drips to ensure full penetration. For fluted architectural block, use an overlapping X-pattern spray for complete coverage.
2. Brush/Roller: Suitable for small areas or non-spray applications. Saturate the surface and brush out excess to ensure penetration.

### Cleanup

Ameripolish® SaltShield™ cleans up easily with soap and water. Ameripolish® SaltShield should be re-applied every 2-3 years, or more often if deemed necessary.

### Storage

- Store upright in safe dry place at 40-110°F (4-43°C)
- Keep product from freezing
- Keep out of reach of children
- Seal container after use
- Do not mix with other chemicals

### VOC Compliance

In addition, Ameripolish® SaltShield™ offers VOC compliance with low VOC at 3.5g/L and is also compliant with national, state and district regulations:

\*Before application, verify product conformance with local and state codes.

### Warning & Safety Information

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. BEFORE USING THIS PRODUCT PLEASE READ THE SAFETY DATA SHEET IN ITS ENTIRETY! Safety Data Sheets (SDS) can be found online at [www.ameripolish.com](http://www.ameripolish.com) or upon request by contacting Ameripolish at 1-800-592-9320.

### Warranty

The information contained herein is believed to be reliable. This information is based on laboratory testing and results. Because of variations in methods, conditions and equipment, each user must test this product to make a judgment of performance. Applicator is responsible for testing material for effectiveness and performance. Manufacturer obligation is limited to the refund of purchase price or replacement of material if proven to be defective. Claims must be made in writing and received within one year from date of product sale to original buyer. Sole remedy shall be replacement of product proven defective.