

### DUST AND SALT PROTECTANT

#### Features:

- For interior and exterior use
- Salt-repellant
- Breathable
- Can be polished to a semi-gloss or gloss finish, based on the amount of time the surface is polished.
- Excellent water repellency
- Dust-proof
- Can use either a dry or wet grinding process

#### PRODUCT DESCRIPTION

**Sher-Crete® Dust and Salt Protectant** deeply penetrates and seals and densifies existing hardened floors. It is ideal for concrete floors in warehouses and industrial sites, parking garages, bridge decks, exterior concrete, integrally colored concrete and acid stained concrete. It can be applied to interior or exterior, horizontal or vertical masonry surfaces.

**Sher-Crete® Dust and Salt Protectant** penetrates and seals by reacting chemically with the concrete surface. It is breathable, abrasion-resistant and hydrophobic. The chemical formula creates a clear, dense, and durable inorganic topical surface layer that resists salt, dust, water, oil, mildew and other contaminants. It is specifically engineered to penetrate deep into concrete pores and to fill capillaries.

**Sher-Crete® Dust and Salt Protectant** is specifically engineered to penetrate deep into concrete pores and to fill capillaries, providing an effective chloride ion screen to provide superior protection against water and water-carried salts that cause erosion, deterioration and corrosion. This performance is maintained even through regular wear and maintenance, including pressure washing.

**Sher-Crete® Dust and Salt Protectant** provides a substrate resistant to staining, spalling, weathering, efflorescence, water intrusion, fungi and mildew, deterioration, freeze-thaw scaling and steel corrosion.

The resulting sheet and finish looks better over time and reduces long-term maintenance costs.

#### BENEFITS

- Deep penetration into concrete capillaries
- Less down time
- Enhances and protects stained, integral color and dyed surfaces
- Provides a more consistent substrate for colors
- Helps to reduce alkalinity efflorescence
- Reduced wear
- Reduced overall project costs
- Concrete hardening to a depth of 1/4"
- Increases life expectancy of the concrete surface
- Resistant to blushing and will not yellow or age with exposure

#### SPECIFICATIONS

##### Coverage

250 - 500 sq ft/gal

Coverage will vary depending on the porosity and texture of the substrate

##### Color & Finish

Clear

Item Code	SKU	Package
F111005	182-9233	5 Gallons
F111055	182-9241	55 Gallons

Satin                      Finish as packaged

The degree of gloss achieved is based on polishing the surface. Using a 3M 7200 Black Stripper Pad\*, the product can be polished to a semi-gloss or gloss finish, based on the amount of time the surface is polished.

\* or equivalent product

##### Drying Time, @ 77°F 50% RH:

temperature and humidity dependent

Recoat:	30-60 minutes
Light Foot Traffic:	30-60 minutes
Wheeled Traffic:	2 hours

# SHER-CRETE® DUST AND SALT PROTECTANT

Material Safety Data Pages are available from your Sherwin-Williams representative.

Prior to use, read, understand and follow all label and data page information and all safety information.

Employee education and training in safe handling of this product are recommended.

## PREPARATION AND USE

Due to the wide variety of substrates, preparation methods, application methods and environments, the customer should test the product in an inconspicuous spot for compatibility prior to full scale application.

Test the absorbency of the substrate by sprinkling water on the surface in a variety of areas across the entire surface to get an average condition. If the water penetrates into the substrate quickly, it is ready to finish. If the water beads up or does not penetrate, the surface has some type of sealer/coating.

All surfaces must be clean, dry and free of grease, oil, dust, dirt, etc. To clean, use a neutral pH cleaner/degreaser, following label directions, rinse thoroughly and allow the surface to dry. If mold, mildew, or fungus is present, kill and remove by cleaning with a solution of 1 part household bleach to 3 parts water.

Any membrane-forming curing compounds or sealers should be removed using an abrasive as aggressive as diamonds or as passive as a black stripping pad.

For the best protection on concrete and masonry, patch and repair damage, holes, cracks and crevices. Use Sher-Crete® Repair products or Stampede® Sealants following label directions. Patching compounds and sealants will generally be visible through clear coatings. Mixing concrete dust from the floor onto the patch while still wet can help blend the patch into the overall floor.

Epoxy repair materials should be applied prior to abrading/burnishing; urethane and polyurea materials should be applied after abrading/burnishing.

The surface of the concrete can be abraded by using ICR1 03732 / SSPC-SP13 / NACE 6 Surface Preparation for Concrete methods. This can include light sand blasting, track blasting or grinding and honing using the appropriate series of abrasives. Remove all blast residue. The floor can be ground using either a dry or wet grinding process.

When using a grinding process, depending on the initial condition of the floor and the desired finish, use anywhere from a 25 grit for product or surface removal up to 3500 grit for a very smooth, polished finish.

The coarse grit abrading should be followed by progressively finer grits until the desired finish is accomplished.

Depending on the condition of the surface, you can use Sher-Crete® Cleaner & Neutralizer to remove or neutralize alkalinity problems; or use Sher-Crete® Alkalinity Control Primer to neutralize damage from efflorescence, sweating, and other alkalinity problems by infusing lithium ions into the concrete surface.

## APPLICATION

- 1 Use a low pressure sprayer to apply the Sher-Crete Dust & Salt Protectant. Apply to rejection.
- 2 Apply enough Sher-Crete Dust & Salt Protectant to form a uniformly wet surface. Keep the surface wet for 20 minutes. If the area dries out apply more product. Apply when surface and air temperature are between 40°F to 100°F. In hot, dry or windy conditions dampen concrete before application to prevent flash drying.
- 3 As the product dries spread any puddles using an exploded bristle broom.
- 4 A light residue may form on the surface after it is dry. This is excess product and it can be removed with a stiff bristle broom, or a burnisher.
- 5 If chemical resistance to food acids or oils is desired apply the Sher-Crete Sealer for Stained or Polished Concrete.

## CLEAN UP

Clean spills, spatters, hands and tools immediately after use with soap and warm water.

## MAINTENANCE

Routine sweeping, mopping, washing, and mechanical scrubbing of floors with a neutral pH cleaner are recommended. Water can be sufficient in some environments. DO NOT USE cleaners that are either acidic or have a butyl base. The product is chemically resistant; it is susceptible to stripping with butyl degreasers and some acids.