



Enviro Science Technologies

SALT PROTECOT S100 (Item No. B-102)

Salt Protector S100 is a deep penetrating sealer designed to protect concrete surfaces, decks, pavements, parking structures, ramps, bridges, marine platforms, lane barriers, etc.; it also protects against corrosive, adverse effects of de-icing salts (chloride screens), moisture, weathering, and scaling of concrete structures.

Salt Protector S100 is also excellent for brick masonry and many types of stone masonry.

Advantages:

- Provides an excellent chloride screen.
- Extremely high alkali resistant.
- Dries tack-free; skid resistant surfaces.
- Long lasting protection for new and old concrete surfaces.

Technical Data: Salt Protector S100 has met or surpassed all of the following specifications.

- SS-W-100 C Federal specifications.
- Alberta Transportation and utility procedure (ATST2a).
- Active Solid: 12%.
- Solvent: Mineral spirits.
- Flash Point: 112° F (44° C).
- Shelf Life: 1 year.
- Chemical Family: Organofunctional silane and siloxane.

Test For	Value	Test Method
Chloride Screened	98%	NCHRP #244 Test Method Applied 125 square feet/gallon
Scaling Resistance	Not Scaling	SATM-C-672, 50 cycles and 125 cycles
Repellency Factor	92%	NCHRP #244 Test Method
Water Absorption	.370%	ASTM-C-642, 24 hours

Applications: Surface should be free of all dust, debris, oil, and stains. Caulk all joints and cracks, and patch surfaces before applying. Use a low-pressure sprayer, roller, or brush for application.

For Old Concrete: Remove any tar, oil, and/or rust stains by using a high-pressure washer; use EST, Inc.'s *Heavy Duty Cleaner* to remove stains.

New Concrete: The surface should be well cured using water, wet burlap, polyethylene, or curing paper. Membrane or chemical curing compounds should be removed by using a high-pressure washer and EST, Inc.'s *Heavy Duty Cleaner*.

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For Vertical Surfaces: Application can be made with a low-pressure sprayer using 10 to 20 psi, or can be applied with a roller or brush. When spraying vertical surfaces, let the material run down 5 to 15 inches, saturating the surface from the contact point; spray the surface again before the surface dries.

For Horizontal Surfaces: Flood the surface using a low-pressure sprayer with 10 to 20 psi, or use a roller, brush, or broom; apply evenly. Let the surface absorb the solution and follow-up immediately with a second application before the surface dries; redistribute any puddles or free standing material.

Coverage Rate/Curing Time: Exact coverage will depend upon the porosity and density of the surface. Initial cure will take 16 to 24 hours; maximum cure will require up to 7 days.

- Concrete (broom finish): 100 estimate square feet/gallon.
- Concrete (smooth): 125 - 175 estimate square feet/gallon.
- Concrete (steel trowel finish): 150 - 200 estimate square feet/gallon.
- Stucco: 100 estimate square feet/gallon.
- Exposed Aggregate: 100 - 150 estimate square feet/gallon.
- Concrete Blocks: 75 estimate square feet/gallon.
- Brick Masonry: 150 - 200 estimate square feet/gallon.

Clean Up: Use mineral spirits and xylem to clean tools and equipment.

Caution: Not recommended to be used at, or below, 40° F. Test all surfaces for suitability. Keep off glass surfaces; if contact occurs, clean immediately. Not suitable for asphalt surfaces. Use in a well ventilated area only. Do not dilute or alter the product. Protect glass metal and other non-masonry surfaces from over spray. Do not use over curing membrane.

Guarantee/Warranty/Liability: On an individual project base, EST, Inc. will provide a material only written warranty up to 5 years. EST, Inc. has no control over the storage, handling, or use of this product.

The guarantee is limited to the purchase price of the defective material only.

KEEP OUT OF REACH OF CHILDREN!