



Enviro Science Technologies

SILANE SEAL 20: SOLVENT BASED (Item No. B-110)

Silane Seal 20 Solvent Based is a penetrating sealer for concrete surfaces, such as concrete decks, bridges, parking garages, airport runways, and smooth precast surfaces.

Advantages:

- Prevents concrete spalling and scaling.
- Extremely high alkali resistant.
- Dries tack-free; skid resistant surfaces and non-yellowing.
- Long lasting protection for new and old concrete surfaces.

Technical Data:

- Silane Seal 20 has met or surpassed all of the following specifications.
- SS-W-100 C Federal specifications.
- Alberta Transportation and utility procedure (ATST2a).
- Composition: Alkyalkoxysilane in a hydrocarbon solvent.
- Active Solid: 20%.
- 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 #224 Test Method Applied 100 square feet/gallon
Scaling Resistance	Not Scaling	ASTM-C-67250 cycle and 125 cycle
Repellency Factor	98.6%	NCHRP #244 Test Method
Water Absorption	0.364%	ASTM-C-642, 24 hours

Applications: Surface should be free of dust, debris, oil, and stains. Caulk all joints and cracks, and patch surfaces before applying.

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.

SILANE SEAL 20: SOLVENT BASED CONTINUED (Item No. B-110)

Curing Time: Silane Seal 40 will be dry to the touch in 2 hours. Initial cure will take 24 hours; maximum cure will require up to 7 days.

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

Caution: Not recommended to be used at, or below, 40° F; store product at room temperature. Keep off glass surfaces; if contact occurs, clean immediately. Do not dilute or alter the product. Protect glass metal and other non-masonry surfaces from over spray. Use in a well-ventilated area.

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!