

SEALGUARD VFI®-994 CLEAR SILICONE SEALER

SEALGUARD VFI-994 Clear Silicone Sealer is a single-component, fluid-applied sealer used to seal and restore fiberglass skylight panels on commercial roofs. Once applied around the panel where clear matters, it forms a seamless film to keep the entire roof safe and watertight. VFI-994 combines seamlessly with other recently applied silicone roof restoration products for long-term leak protection.

- Protects skylights from harsh weather conditions, limiting maintenance and repair needs
- Prevents fading and degradation when in contact with UV rays, extending the skylight's life
- Formulated thickness allows it to hang on vertical surfaces and flow out on horizontal surfaces
- Resists ponding water exposure to prevent leaks and costly repairs

PHYSICAL PROPERTIES	TEST METHOD	TEST RESULTS
Tensile Strength	ASTM D412	300 psi
Elongation	ASTM D412	170%
Tear Strength	ASTM D624	21 pli

LIQUID PROPERTIES	TEST METHOD	TEST RESULTS
Solids by Weight	ASTM D1644	94%
Solids by Volume	ASTM D2697	94%
Liquid Density	ASTM D2939	8.15 lbs/gal
Specific Gravity	N/A	0.98 g/mL
Viscosity	ASTM D2196	13,000 cps
Recoat Window	N/A	4-48 hrs @ 75°F, 50% Rh
Flash Point	ASTM D56	187°F
VOC	N/A	46 g/L

MANUFACTURER OF HIGH PERFORMANCE POLYMERS

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EQUIPMENT

Using a medium nap roller or industrial paint brush, apply VFI-994 around the skylight panel and on areas with leak potential.

SURFACE PREPARATION

Skylight panels must be clean and free of oils, dirt, or films that could affect adhesion. Power wash the panels and the area around the skylight. Make any necessary repairs to structural components, such as sealing joints, fasteners, and penetrations, with SEALGUARD VFI-993 Silicone Flashing Grade. Replace any skylights that have cracks or holes. Before applying VFI-994, ensure that skylight panels are dry.

MIXING

Mix until uniform. Mix times will vary based on material volume and mixing method.

APPLICATION REQUIREMENTS

VFI-994 is not recommended when a primer is necessary. It should only be applied if the temperature is between 40°F - 120°F. Stop application if the temperature is below 40°F and decreasing. Avoid inclement weather, as rain and other moisture contamination can negatively impact adhesion before the sealer can fully cure. Bring the material to a minimum of 65°F before use.

Using a multicoat method, apply the sealer at a minimum rate of 0.75 gallons per 100 square feet. Calculate loss factor due to surface profile/stretch factor and wind loss. Check specifications for required wet and dry film thickness and use a wet mil gauge to check thickness during application. Allow the sealer to cure for a minimum of 24 hours. After it has cured, apply a second coat at the same application rate. Subsequent recoats should not exceed 48 hours.

CLEANING

VFI-994 is a silicone-based product and will cure when in contact with water or moisture. Clean application tools and equipment with chemically dry mineral spirits to prevent curing.

STORAGE/SHELF LIFE

The material shelf life is 12 months from the date of manufacture. Store in a dry, temperature-controlled space in sealed and unopened containers between 60°F - 90°F. Opened containers can be resealed with a nitrogen purge, but it will ultimately shorten the shelf life of the product.

PRECAUTIONS

Avoid breathing in vapors or repeated skin contact. Do not thin or add foreign material to the product. See Safety Data Sheet for complete safety data.