



SILICONE COATING SOLUTIONS

Instructions

Sil-X 7000

Sil-X 7000 Anti-Graffiti Series

Solvent-Free Silicone Coating is a one-component, moisture curing coating system that is designed for above grade applications. Provides invisible protection from graffiti as well as acting as a water barrier. It is easily administered and adheres to various types of building surfaces. Applying product before or after vandalism allows for graffiti to be easily removed.

Conditions before Sil-X Is applied

Perform an adhesion test to surface of roof before installation of product; this is accomplished by thoroughly cleaning a small area. After it dries, use a brush to apply a layer of Sil-Roof to the cleaned area. After 24 hours, test area to see if it peels up, or remains imbedded in clean area. SCS sells multiple primers to help ensure product has good adhesion. Adhesion testing will determine which primers are needed for property owners.

Before applying of Sil-X Restoration System, there will be a conference with the owner's representative to ensure a clear understanding of the specifications. The conference shall be attended by the owner's representative, the approved contractor, and an SCS representative.

For all warranty issues, a licensed contractor, authorized by SCS will be used as an approved applicator. Contractors must have proven business experience and references should be used to ensure proper installation.

Storage

Sil-X 7000 Series has a recommended shelf life of 12 months from date of manufacture, when stored in unopened containers between 40°F and 80°F.

It is best not to open product until ready to use, to prevent air and moisture from curing the product. If product is opened and not completely used, SCS recommends putting a thin layer of dry nitrogen prior to closing the product. If you do not have access to dry nitrogen, a thin layer of mineral spirits can be used in its place.

**The primers listed below are recommended for use with the sil-X
to ensure adhesion to your roof**

BB-1100 Bleed Blocker Primer - is formulated with “bleed resistant” materials to block the bleed through of those asphaltic components that can discolor topcoats. It has been designed to provide a long lasting flexible membrane with exceptional resistance to weathering. With its special formulation, it has the unique ability to “breathe”, providing a completely watertight membrane while allowing trapped moisture to escape.

SP-1500 Primer is A high quality, plasticizer free, single component, water-based, acrylic primer for spray brush or roller application. It has been designed to provide both excellent adhesion as well as plasticizer migration resistance. With its special formulation, it has the unique ability to “breathe”, providing a completely watertight membrane while allowing trapped moisture to escape. Has excellent adhesion to most single ply surfaces including PVC, Hypalon and aged TPO.

RI-1300 Rust Inhibitor Primers is a high quality, water-based, rust inhibiting, low VOC for spray brush or roller application. A self-cross-linking technology that provides low VOC levels with greater corrosion resistance and adhesion properties. With its special formulation, it has the unique ability to resists heat, cold, moisture and weathering. Dries quickly for a reduced time before silicone coating application.

PF-1280 is stitch-bonded, low profile, polyester designed for use with the Sil-WALL 5000, Sil-Wall 4000L, Sil-Roof 9000 Series and Sil-Roof 8000L Series, roofing and waterproofing systems to form a strong, yet conforming membrane. PFPPF-680 and PF-1280 used to increase tensile and add strength to moving joints and flashings.

Sil-Gap 1000 Butter Grade Silicone Sealant is a thick, flexible liquid membrane that is a dispersion of 100% silicone rubber. It is designed to seal abnormal roof penetrations as well as gaping holes that cannot be covered with standard sprayers or rollers. Sil-Gap 1000 features low odor, ease of application, fast moisture cure, and superior adhesion to a variety of substrates.

Conditions of building before you start project

Do not Proceed with installing Primers or Sil-X on building Structure until all cracks in exterior wall issues have been fixed, listed below are some of the items you might run into

- Rotten plywood-moldy wet insulation
- Bad gutters
- Cracks in walls
- Bad substructure caused from years of water damage

A written disclaimer may be required if owner wants to proceed without fixing certain areas of concern.

SCS recommends pressure washing all wall surfaces of grease, oils, and heavy contaminants. Bleach diluted with water or other cleaning agents may be used to help clean walls. Thoroughly rinse surface and allow to dry prior to coating. All surfaces must be clean, dry, and free of loose particles. Cracks may be filled with SCS approved silicone sealants. If this step is not performed, product will not adhere to the surface correctly and any warranty will be voided.

Thoroughly investigate all Exteriors walls where Sil-x is being applied and fill in all cracks and holes with Sil-Gap and Sil-Flex needed

Sil-X 7000 Series Installation

Contractor shall take photographs of all Exterior wall areas, before work is performed

Check the weather to ensure no rain is in the forecast while applying Sil-X,

Tack up time is usually one to two hours after product is applied.

Stir product thoroughly before application to achieve a uniform consistency.

Apply with a brush, heavy-duty paint roller, or heavy-duty spray equipment.

Applying the product to correct mil rate is crucial to the success of the product, in many cases this may require two coats to acquire correct mill rate, please refer to warranty contract to ensure correct mills are applied, to surface,

SCS Rep will be there to assist you in this area.

Sil-X can be easily applied with brush, roller, or commercial airless sprayer.

Due to the high viscosity of the material, a high-pressure airless sprayer capable of producing a minimum of 3500 PSI at the spray gun head should be used. The pump should have a minimum of 3 gallons per minute output rate. Always use components rated for pump pressure. Hoses should be BUNA-N jacketed for prevention of moisture contamination. Hoses should have a minimum I.D. of 3/4" and an adequate working pressure. The spray gun should be high pressure (5000 PSI) with reverse-a-clean spray tip, having a minimum orifice of .029 and a 50° fan tip. Have extra spray tips available for back up in case there is an issue with a tip. Recommended sizes are .035 to .043.

Take all necessary precautions to ensure that damage and overspray will not occur. This product will carry in windy condition. Take precautions to ensure product does not damage vehicles, other buildings, personal items, etc. SCS is not responsible for damages caused by the overspray of its products.

Job Completion

Inspect completed coating system and correct any defects to meet the specification and/or warranty requirements.

Transparent or Thin Areas: If areas appear to be undercoated, recoating may be needed to ensure correct mill rate was applied. Check all areas for proper adhesion and correct mil rates.

A Silicone Coating Solutions Technical Representative will inspect the completed coating system and notify the contractor of any defects in the application.

Contractor shall take photographs showing all work completed, this includes all flashing, skylights, walkways, and mechanical areas where work was performed.

CLEAN UP

Be careful removing all taped off areas. Ensure property is clean from defects and debris. Look for any over spray that needs to be cleaned off gutters, or HVAC systems. Mineral Spirits works well for cleaning any over spray of Sil-Roof. Property should be neat and clean before contractor leaves.

Removal of Graffiti

Graffiti is easy to remove by wiping off with a towel or by pressure washing. Some areas may require applying some mineral spirits to a rag to graffiti area. This will help graffiti come off a faster and smoother,

Sil-X cleaner activator or other Silicone Lubricants like Blaster, will also help in removal of paint especially in cracks and crevices.