



## SIL-FLEX

<b>PRODUCT NAME:</b>	SIL-FLEX GLOSS
<b>PRODUCT NUMBERS:</b>	SF5 (5-Gal Pail), SF1 (1-Gal Pail), SF55 (55-Gal Drum)
<b>DESCRIPTION:</b>	A liquid applied protective coating designed to resist water intrusion. Sil-Flex provides excellent waterproofing, protection, appearance, flexibility, mildew resistance and durability.
<b>APPLICATION SUBSTRATE:</b>	This coating may be applied to concrete, granular surfaced SBS modified bituminous membranes, granular surfaced asphalt paper, smooth surfaced conventional asphalt and metal.
<b>SUGGESTED USES:</b>	Use for most roofs including Modified Bitumen (new or aged), Cement Tile, flat roofs, low slope roofs, concrete flat decks, torch down, cap sheet, built up, and most other applications. TPO must be adhesion tested.
<b>PRIMER:</b>	Sil-flex 6300 primer is required under all ponding applications. Use Sil-flex 6300 primer over new or aged modified. AC64 primer may be used over previously coated acrylic surfaces and weathered roofing surfaces.
<b>COLORS:</b>	White and light colors
<b>FINISH:</b>	Semi-gloss to Gloss depending on the substrate.
<b>VEHICLE TYPE:</b>	PUD
<b>SOLVENT TYPE:</b>	Water
<b>COATING VOC:</b>	< 100 G/L
<b>FLASH POINT:</b>	Non-flammable, DOT: Not regulated
<b>TOTAL VEHICLE BY VOL:</b>	> 50 %
<b>MINIMUM WET FILM:</b>	20 – 50 mils (Per coat, two coats required)
<b>MINIMUM DRY FILM:</b>	35 – 50 mils (finish dry film)
<b>COVERAGE:</b>	Theoretical coverage for 15 wet mils is 1.5 gallons per 100 sq. feet. Material losses during application and surface porosity will vary and must be taken into consideration when estimating job requirements.
<b>VISCOSITY:</b>	126 - 134 ku

- LIMITATIONS:** Not for use > ½” ponding water.
- MIXING:** Stir well and apply as it comes from the container.
- RECOMMENDED DRY TIME:** 2 to 4 hours in direct sunlight; dry times may vary depending on air temperature, wind, and humidity.
- COVERAGE RATE:** Apply the first coat of Acrylux Sil-flex at the rate of 1.5 gallons per 100 sq. ft. Allow first coat to dry for 24 hours, then apply a second coat at the rate of 1.5 gallons per 100 sq. ft. This will achieve a dry mil thickness of 35 to 40 mils. Coverage will vary depending on the surface being coated.
- SURFACE PREPARATION:** Remove all loose paint, dirt, mildew and chalk by high pressure water cleaning or other methods to obtain a sound surface.
- APPLICATION:** Brush, Roller (min ¾ ” nap), or airless spray. Tip size: .025 to .031
- PACKAGING:** 1 gallon, 2 gallon, 5 gallon, 55-gallon drum

**PERFORMANCE PROPERTIES**

Acrylux Roof coatings meet the requirements of the Florida Building Code 2004 and 2007 (HVHZ) Testing Application Standard TAS 110-2000, section 7: Coatings using ASTM D 6083-97a and D 6083-05 \* Standard Specification for Liquid Applied Acrylic Coating Used in Roofing and Section 1523.6.3.1 using Federal Specification TT-C-555B: Coating, Textured (For Interior and Exterior Masonry Surfaces): Section 3.3.3: Resistance to Wind-Driven Rain.

**TENSILE & ELONGATION PROPERTIES:**

PSI AT BREAK	Pass
% ELONGATION AT BREAK	Pass

**PERMEANCE:** Pass

<b>ADHESION:</b>	Granular Modified Concrete	Pass	Poly.Foam Smooth Asph.	Pass
	Asphalt Shingles	Pass	SBS MB, pli	Pass

**ENERGY SPECS:** When installed according to specs, this product will help reduce energy costs. Actual savings will vary, based on geographical location and individual building characteristics.

Initial Solar Reflectance:	90%
Solar Reflectance after 3 yrs.	84%
Thermal Emittance	88%

**SAFETY INFORMATION:** Use with adequate ventilation. Do not ingest. Avoid prolonged contact with the skin. Wash immediately after use and before smoking and eating. Avoid breathing vapors and mist. In case of eye contact, flush eyes immediately with water and continue for at least 15 minutes and consult a physician. Close container after each use. Keep out of the reach of children. If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1.800.424.LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).