

PRODUCT DESCRIPTION

ProSil Finish HS™ is a high solids silicone that forms a monolithic flexible membrane with excellent durability, color stability, and chalk resistance. Its bright white finish reduces roof surface temperatures minimizing thermal expansion and contraction and indoor temperatures while lowering cooling costs. ProSil Finish HS™ provides excellent ponding water protection and is mold and mildew resistant. Available in White, Tan, Light Grey, and Dark Grey. Custom colors are available at an additional charge.

RECOMMENDED USES

Over metal, smooth BUR, modified bitumen, single-ply membranes, concrete, granular cap sheet, and SPF.

SURFACE PREPARATION

All surfaces to receive the FAR System™ products must be power washed to remove dirt, loose rust, loose paint, chalk, and other debris which could prevent adhesion. The surface must be dry before coating.

APPLICATION CONDITIONS

The temperature of the surface to be coated should be between 41°F and 120°F (5°C and 60°C) and ambient temperature should be at least 5°F (3°C) above the dew point prior to and during application. FAR System™ products to dry prior to being subjected to rain or heavy dew.

APPLICATION TEMPERATURE: 41°F to 140°F (5°C to 60°C)

TIME BETWEEN EACH APPLICATION: See the Dry Time chart at the end of this document.

PACKAGING INFORMATION

5 gallons (18.9 L)

50 gallons (189.3 L)

APPLICATION PROCEDURES

Surface preparation must be completed as indicated in the system specifications. A field adhesion test is required before installing Fluid Applied Roofing products. Rinseable Primer Concentrate™ must be used to prepare all substrates before installing any FAR System™ products. **DO NOT USE** Rinseable Primer Concentrate™ on bituminous substrates; it will cause asphalt bleeding issues if used.

When being applied in a two-coat application the first coat must be completely dry and cured (4 – 12 hours) depending on the environmental conditions. The recoat time must be complete in less than 24 hours to ensure uniform adhesion.

When working with ProSil Finish HS™ in high humidity and/or high temperatures, it is recommended to use a pail lid adapter fitted with an agitator. This will prevent the product from skinning over and curing in the pail during application.

Work stoppages are not recommended with only partial utilization of a container of ProSil Finish HS™. If work must stop after only a portion of a container of ProSil Finish HS™ is used, seal to minimize air and moisture contact with

the coating by covering the surface of the coating with a sheet of polyethylene film, then reseal the container to be airtight. Upon reopening the container to restart work, peel back the polyethylene film. If curing of the coating has occurred, use a utility knife to cut the cured coating away from the wall of the container. Peel away the cured layer of coating to expose fresh coating underneath.

MIXING INSTRUCTIONS

Mixing is required.

PHYSICAL PROPERTIES

This product complies with the requirements of ASTM 6694.

PRODUCT CHARACTERISTICS	VALUE	TEST METHOD
Color	Highly Reflective White	
Vehicle Base	Silicone	
Weight per gallon	10.58 lbs.	
Solids by weight	96%	ASTM D-1644
Solids by Volume	94%	ASTM D-1653
Viscosity @ 73° F	4,100 ± 1,000 cP	ASTM D-562
DFT @ 1 gal/sq.	15 mils	
VOC content	50 g/l	EPA-24
Hardness (Shore A)	40	ASTM D-2240
Cold temperature flexibility	-14.8°F (-26°C)	ASTM D-522
Tensile strength	376 psi	ASTM D-2370
Elongation at break	330%	ASTM D-2370
Permeance	4.44	ASTM E96
Tear resistance	22 lbs./in	ASTM D-624
Solar reflectance	86%	ASTM D-1549
Infrared emittance	.89	ASTM C-1371
Solar reflective index (SRI)	107.9	E1980-11
UV resistance	Resistant to UV and influence to O ² and ozone	ASTM D-4798
Adhesion excellent to	PVC, TPO, EPDM, Galvanized Steel, Aluminum, and Bituminous	ASTM C-794
Fungi resistance	Pass	ASTM G-21
Flash Point	190.4°F (88°C)	
Solvent	None	
Clean Up	Naphtha or Odorless Mineral Spirits.	

WARRANTY

This product is manufactured in accordance with ISO 9001-2008 standards. Seller and manufacturers only obligation shall be to replace such quantity of product proved to be defective. Neither seller or manufacturer shall be liable for any injury, loss or damage, direct or consequential arising from the use or the inability to use the product for his/her intended use, and user assumes all risk and liability. Color fade is not covered under warranty.

DISCLAIMER

The information and recommendations outlined in this product datasheet are based upon tests conducted by or on behalf of Fluid Applied Roofing, LLC. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of the publication. Consult your Fluid Applied Roofing representative to obtain the most current Product Data information.

COVERAGE RATES

See system specifications for product coverages for each roof type.

DRY TIME

The chart below is for reference only and will vary with sun and humidity. These are general guidelines determined at 50% relative humidity on a sunny day.

TEMPERATURE		RAIN & DEW RESISTANT	RECOAT	CURE
77° F	25° C	1 HOUR	4 - 6 HOURS	7 DAYS

Drying time is temperature, humidity, and film thickness dependent.

STORAGE

Shelf Life: 12 months from date of manufacture in the original unopened container below 90°F (32°C). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat or ignition. May be stored below freezing.

CLEAN UP

Do not allow material to remain in hoses, guns, or spray equipment. Thoroughly flush all equipment with naphtha or mineral spirits.

