

ALSAN[®] COATING SIL 402

High Solids, Single Component Silicone Roof Coating



APPLICATIONS

ROOFS

PRODUCT DATA SHEET PD10385 - REV.220817

QUICK FACTS:

AMBIENT TEMP (°F)	SUBSTRATE TEMP (°F)	TACK FREE* (hours)	FULLY CURED* (hours)	TECHNOLOGY
40-95 (4.4-35°C)	40-120 (4.4-48.9°C)	< 8 at 77°F (25°C) @ 50% RH	8-72 at 77°F (25°C) @ 50% RH	Silicone

*NOTE: Cure times will be reduced at elevated ambient humidity and temperature.

COOL ROOF RATING						
CRRC PRODUCT ID	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
0772-0060	0.88 initial	0.70 3 year	0.90 initial	0.90 3 year	111 initial	86 3 year

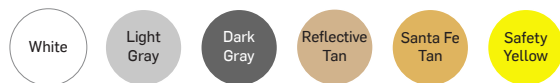
PRODUCT NUMBERS:

- L-SILWH5 - 5 gal (18.9 L)
- L-SILCC5 - 5 gal (18.9 L), custom color
- L-SILWH55 - 55 gal (208 L)
- L-SILCC55 - 55 gal (208 L), custom color

DESCRIPTION & FEATURES:

ALSAN[®] Coating SIL 402 is a VOC compliant, high solids, single component, silicone roof coating and protective barrier for a variety of low slope roof surfaces and substrates. Upon cure, **ALSAN[®] Coating SIL 402** forms a durable, weatherproof coating that is highly resistant to degradation from UV and natural weathering, while exhibiting outstanding ponded water resistance. **ALSAN[®] Coating SIL 402** may be applied as a maintenance coating over sound and dry single ply (TPO, PVC, EPDM, and CSPE), modified bitumen, BUR, metal roofing and/or other approved existing coatings.

STANDARD COLORS:



APPLICATION:



ALSAN[®] Coating SIL 402 can be applied using single component airless spray equipment, a roller or a brush. Prior to starting the application, perform an adhesion test on each surface type to ensure adequate bond can be achieved or if a primer or other specific surface preparation is required. Assure ambient and substrate temperatures remain 40°F (4.4°C) or above, to assure proper application and curing.

NOTE: **ALSAN[®] Coating SIL 402** reacts with atmospheric moisture to cure. Once containers are open and exposed to the atmosphere, a skin will form on the material over time, which must be removed from the bulk material before use. Coverage rates are based on a maximum 2:12 slope. If applying **ALSAN[®] Coating SIL 402** on a higher slope, it will be applied in multiple thinner coats to achieve same desired coverage rate.

* Refer to the SOPREMA Roof Coatings Technical Manual for additional application guidelines.



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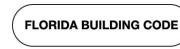
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STORAGE:

Always store in sealed containers in cool, ventilated and dry locations, away from direct sunlight and heat. Do not store in direct sunlight or temperatures below 55°F (12.8°C) or above 80°F (26.7°C). **ALSAN[®] Coating SIL 402** has a shelf life of 18 months.

TESTING & APPROVALS:



TECHNICAL INFORMATION & TESTING:

APPROXIMATE COVERAGE RATES

SUBSTRATE PROFILE	MINIMUM TOTAL CONSUMPTION gal/100ft ² (l/m ²)	MINIMUM WFT mils (mm)	MINIMUM DFT mils (mm)
Metal Single Ply (PVC, TPO, & EPDM) Modified Bitumen	1.5-2.5	24-40	22-38

NOTE: See project specification for total coverage rate based on the substrate and warranty requirements.

PHYSICAL PROPERTIES

PROPERTY		TEST METHOD
Solids by Volume, %	95 +/- 3	ASTM D2369
Solids by Weight, %	96 +/- 3	ASTM D1644
Tensile Strength, psi	>240	ASTM D412
Elongation, %	>270	ASTM D412
VOC, g/L	<50	ASTM D3950
Permeability, perms	3.4	ASTM E96
Shelf Life, months	18	-
Clean Up	Mineral Spirits	-

SUSTAINABILITY:



VOC CONTENT
LOW EMITTING

< 50 g/L

COOL ROOF
SRI

111
Initial

