

ROOF X TENDER[®] 985

SUPER SILICONE

Roof Coating

COMPLIANCE:

CRRC, FP&L, Title 24, MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

DESCRIPTION:

Roof X Tender[®] 985 Super Silicone™ is a high solids, fluid applied coating formulated using moisture cure, solvent free green technology. RX-985 creates a shield of protection over your roof membrane helping to protect it from the elements. RX-985 also contains Pond-Proof™ Technology and outperforms traditional solvent and solvent-free products including asphaltic, urethane, thermoplastic and other protective coating products. RX-985 is formulated to help reduce cooling costs, heat gain, carbon emissions and health hazards associated with these emissions. Electricity usage can be reduced and utility bills lowered. When applied according to the instructions, RX-985 creates a tough, flexible and resilient barrier that helps prevent damage from severe weather. With proper maintenance, RX-985 will greatly extend the life of your roof!

PRIMER:

An Roof X Tender approved bleed blocking primer should be used on applications over asphalt substrates to help limit bleed through or discoloration. Single ply membranes and metal should be field tested to determine if primer is needed.

PREPARATION:

All surfaces must be dry and free of dust, dirt, oil, loose materials, peeling paint etc. Rusty metal must be cleaned and primed with a rust inhibiting primer. Surfaces with mildew or biological growth must be cleaned with a bleach solution (two parts water to one part bleach). Clean and pressure wash the roof. A mild detergent with broom is recommended on single ply membranes. Use only a wide fan spray tip or wet vac. Previously coated surfaces must be completely dry and cured. Contact Roof X Tender with material type questions. Once dry, prime surface as required. Next, seal all penetrations, details and other repairs with Roof X Tender Fluid Flash, Polyester Fabric and granules or as specified by Roof X Tender. See Roof X Tender website for specifications, specific conditions and additional detail drawings.

NOTE:

If surface temperatures become hot (over 180 °F) during application, wait for roof to cool. DO NOT apply to a wet or damp surface.

APPLICATION:

For exterior use only. Do not heat over 130 °F, tint or thin. Rain, dew, fog, frost and relative humidity greater than 70% may result in adhesion problems. Protective clothing, gloves and eyewear should be used during application. Application should be completed when air, surface and material temperatures are 40 °F (for 24 hours) but not above 120 °F. Application can take place at colder temperatures (above 32 °F) however, special precautions must be taken to ensure there is NO MOISTURE, DEW or FROST present on the roof. These conditions will create adhesion issues. Apply with a 3/4" nap exterior paint roller (preferably with mill gauge) or long bristle brush. Contact Roof X Tender representative for spray requirements. Apply a uniform coat over entire surface, avoiding excessive rolling. Coverage rate is 1 - 4 gallons per square (100 square feet) in a one coat application. Coverage varies depending on warranty & term. For extended warranty information, see published warranty qualifications at www.rooftender.com. If multiple coats are used, use a gray tint in the first coat. Additional coats shall be applied between 4 - 24 hours after first coat. If there will be foot traffic on roof after installation (and cured), embed 40 - 60 lbs. of #11 ceramic granules per 100 sq ft into top layer of coating to create a non-skid finish. Surfaces without granules are slippery when damp or wet. Coating dries in 2 - 4 hours and fully cures in 8 - 24 hours at 70 °F and 50% relative humidity at 1 - 2 gallons per square. Thicker films, poor air flow and low humidity will increase dry times. Seal container when not in use. Do not walk on coating until fully cured. The contents of this container are reactive with moisture in the air. Curing starts immediately upon opening and opened product cannot be returned. Use all contents within one day of opening.

CLEAN-UP:

Spray equipment with mineral spirits or VM&P Naptha. Do not leave RX-985 for long periods in hoses, pumps or spray guns.

FOR BEST RESULTS:

All surfaces must be primed. Complete a peel test on all substrates before starting project.



- WHITEST & COOLEST
- EXCEEDS TITLE 24
- HIGH SOLIDS
- RESISTS PONDING WATER



SPECIFICATION DATA: CRRC Listed. FP&L, Title 24. MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

Weight Per Gallon	11 lbs/gal	Weathering	No degradation after 5000 hours
Solids by Weight	98 ±2%	Tack Free Time	1 hour
Solids by Volume	98 ±2%	Durometer Hardness	55 ±5 pts
Tensile Strength	275 psi	Consistency	Roller
Tear Resistance	37	Maximum Surface Temperature	180°F
Reflectivity (CRRC)	.90	Elongation	425%
Emissivity (CRRC)	.90	Flash Point	>290°F
SRI Value (CRRC)	115 initial	Cure Time (min. humidity 20% RH)	Dry / Recoat - 6 hrs Full Cure - 72 hrs
Permeability	4 perms	Shelf Life	Up to 18 months depending on storage
Water Absorption	.1% after 2 weeks at 75°F		

SHIPPING WEIGHTS:

1 gallon (3.4L)	VOC/VOS
12 lbs.	10 g/L
5 gallons (18.9L)	
58 lbs.	
55 gallon drum (208.2L)	
642 lbs.	

CRYSTALLINE SILICA CAS # 1408-60-7

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