

ROOF X TENDER® 985

SUPER SILICONE® ROOF COATING

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!

PREPARATION:

All surfaces must be clean, dry, and free of any dirt, dust, oil, surface chemicals, or other contaminants that may interfere with optimum adhesion. 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.

APPLICATION:

For exterior use only. Do not store over 100 °F for extended periods of time. DO NOT 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 or higher (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 a Roof X Tender representative for spray requirements. Apply a uniform coat over entire surface, avoiding excessive rolling. Coverage rate is 1.5 - 4 gallons per square (100 square feet) in a one coat application. Coverage varies depending on roof condition and desired warranty coverage. For extended warranty information, see published warranty qualifications at www.roofxtender.com. If multiple coats are used, 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 24 - 48 hours at 70 °F and 50% relative humidity at 1.5 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.

STORAGE & HANDLING PRECAUTIONS:

Product safety information required for safe use is not included on this label. Before handling, read product Safety Data Sheets for safe use and for physical and health hazard information. Safety Data Sheets are available on the Roof X Tender website at www.roofxtender.com. You can also obtain a copy from your local Roof X Tender Distributor or Roof X Tender sales representative. During application, always protect building inlets from product vapors and fumes. Finished product is extremely slippery when wet. For roofs with greater than 1/2" in 12 slope, and on roofs without parapets, it is recommended to embed a non-skid additive in the top surface of the coating. Shelf life is 12 months from date of manufacture. Not recommended to store at temperatures exceeding 100 °F. For maximum shelf life store between 40 °F and 70 °F. Higher temperatures will reduce shelf life. Once container is opened, all product should be used. Container cannot be resealed without product skinning or curing inside container. Always keep covered and protected from the elements. When transporting this product, ensure that lid is tight and pail secured. Only transport product in the cargo area of vehicle. Secure with rope or bungee cords over a drop cloth. If pail tumbles, leakage may occur. Ponding water can create excessive weight on roofs. If ponding water exists, contact a structural engineer to ensure the additional weight can be supported by the roof deck and building structure. Ponding water can create a collapse hazard which can severely hurt or kill people. Always follow NRCA guidelines for Ponding Water situations. Dispose of in an environmentally acceptable manner.

CLEAN-UP:

Spray equipment with VM&P or Naphtha. Do not leave 985 for long periods in hoses, pumps or spray guns.



- RESILIENT PROTECTION
- HIGHLY REFLECTIVE SURFACE
- EXTENDS ROOF LIFE



COMPLIANCE:

CRRC. FP&L, Title 24. UL CLASS A RATED File #R27202. Miami-Dade County Product Control Approved.

| | |
|---------------------------------------|--------------------------------------|
| Weight Per Gallon | 11 lbs/gal |
| Solids by Weight* | 98 ±2% |
| Solids by Volume | 98 ±2% |
| Tensile Strength | 275 psi |
| Tear Resistance | 37 |
| Reflectivity (CRRC) | .90 |
| Emissivity (CRRC) | .90 |
| SRI Value (CRRC) | 115 initial |
| Permeability | 4 perms |
| Water Absorption | .1% after 2 weeks at 75°F |
| Weathering | No degradation after 5000 hours |
| Tack Free Time | 1 hour |
| Durometer Hardness | 55 ±5 pts |
| Consistency | Roller |
| Maximum Surface Temperature | 180°F |
| Elongation | 350% |
| Flash Point | >290°F |
| Cure Time (with min. humidity 20% RH) | Skins 2-4 hrs Full Cure - 24-72 hrs |
| Shelf Life | Up to 18 months depending on storage |

NOTE: *Percentage may vary +/- 5%

SHIPPING WEIGHTS:

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|-------------------|---------|
| 5 gallons (18.9L) | VOC/VOS |
| 58 lbs. | 10 g/L |

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|--------------------|-----------------|
| CRYSTALLINE SILICA | CAS # 1408-60-7 |
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SHELF LIFE:

Up to 12 months depending on storage. PRIMER:

PRIMER:

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

NOTE:

If surface temperatures become hot (over 140 °F) during application, wait for roof to cool. DO NOT apply to a wet or damp surface.



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