

# ROOF X TENDER<sup>®</sup> 985

## SUPER SILICONE

### Roof Coating

#### DESCRIPTION:

ROOF X TENDER<sup>®</sup> 985 Super Silicone is a high solids, fluid applied coating formulated using moisture cure, solvent free green technology. RXT-985 creates a shield of protection over your roof membrane helping to protect it from the elements. RXT-985 also contains Pond-Proof<sup>™</sup> Technology and outperforms traditional solvent and solvent-free products including asphaltic, urethane, thermoplastic and other protective coating products. RXT-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, RXT-985 creates a tough, flexible and resilient barrier that helps prevent damage from severe weather. With proper maintenance, RXT-985 will greatly extend the life of your roof!

#### 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 approved rust converting or epoxy primer. Asphalt surfaces must be treated with epoxy primer. Clean and seal all penetrations, skylights, vents, corners, curbs, drain areas, scuppers, base flashings and any cracks, blisters, buckles or other repairs with approved detail sealant and approved polyester reinforcing fabric. This must be completed prior to application of RXT-985. For fabric size requirements, see our website which contains specifications and detail drawings. Surfaces with mildew or biological growth must be cleaned with a bleach solution (2 parts water to one part bleach). The remainder of the roof should be pressure washed using an approved cleaner. Complete after sealants have been applied and cured. Use only a wide fan spray tip. Previously coated surfaces may be required to cure for a minimum of one year prior to coating depending on material type. Contact ROOF X TENDER<sup>®</sup> with questions. 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. Roof surfaces become dirty as they age and can be cleaned with a light power washer and mild detergent. Some difficult to adhere surfaces may require a primer. Complete a pull test if adhesion is in question.

#### APPLICATION:

For exterior use only. Do not heat over 120°F, tint or thin. Rain, dew, fog, frost and relative humidity greater than 85% will result in adhesion problems and reduced performance. Do not apply if these conditions exist at the time of application. Protective clothing, gloves and eyewear should be used during application. Application should be completed when air, surface and material temperatures are 55°F (for 24 hours) but not above 180°F. Application can take place at colder temperatures (above 35°F) however, 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 3/8" nap exterior paint roller, long bristle brush or professional airless sprayer. Apply a uniform coat over entire surface, avoiding excessive rolling. Coverage rate is 1 coat at 2 gallons per square (100 square feet). For Lifetime Limited Material Only Warranty see published warranty qualifications at www.roofxtender.com. NOTE: 40" wide Polyester reinforcing is to be embedded into RXT-985 during application in the following locations: water ways, perimeter edge, base flashings, drain areas, low lying areas and ponding areas. Coating dries in 2-4 hours and fully cures in 8-24 hours at 70° F and 50% relative humidity. Thicker films, poor air flow and low humidity will increase dry times. Seal container when not in use.

For spray info, see data sheet.

#### SPRAY INFO:

500 psi at tip, .030 - .041 Tip Size, 3 GPM, 3/4" min. hose size.

#### FOR BEST RESULTS:

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

#### PRECAUTIONS:

Protect building inlets from product vapors or fumes. Do not store at temperatures below 35°F. Keep closed when not in use. 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 drop cloth. Ponding water creates excessive weight on roofs which may not structurally support the additional weight. This creates a collapse hazard which can severely hurt or kill people. Always follow NRCA guidelines to remove ponding water from roof surfaces. Do not reuse empty container and recycle after use. Do not use in drinking water or food systems.

**CLEAN-UP:** Spray equipment with mineral spirits or VM&P Naptha. Do not leave RXT-985 for long periods in hoses, pumps or spray guns. Spraying is not recommended due to difficulty in cleaning of pumps and hoses.

Manufactured by Gardner-Gibson, Inc.

Distributed Exclusively by TRI-BUILT<sup>®</sup> Materials Group, LLC



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



#### CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ). WARNING:

This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation, when using product.

#### CAUTION:

MAY BE HARMFUL OR FATAL IF SWALLOWED. EYE, SKIN AND RESPIRATORY IRRITANT. Use with adequate ventilation. Keep out of the reach of children.

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

#### Weight Per Gallon

10.7 lbs/gal

#### Solids by Weight

96 ±2%

#### Solids by Volume

96 ±2%

#### Tensile Strength

450 psi

#### Tear Resistance

37

#### Reflectivity (CRRC)

.90

#### Emissivity (CRRC)

.90

#### SRI Value (CRRC)

110 initial

#### Permeability

5 perms

#### Water Absorption

.1% after 2 weeks at 75°F

#### Weathering

No degradation after 5000 hours

#### Tack Free Time

1 hour

#### Durometer Hardness

50 ±5 pts

#### Consistency

Roller or Spray

#### Maximum Surface Temperature

180°F

#### Elongation

210%

#### Flash Point

>290°F

#### Cure Time (min. humidity 20% RH)

Min 2 hours - Max 8 hours

#### Shelf Life

Up to 12 months depending on storage

#### SHIPPING WEIGHTS:

5 gallons (18.9L)

53.5 lbs.

50 gallon drums (208.2L)

540 lbs.

VOC/VOS

10 g/L

CRYSTALLINE SILICA

CAS # 1408-60-7

