

## ROOF X TENDER® 900 PREMIUM THERMOPLASTIC COOL THERMOPLASTIC COATING

### DESCRIPTION:

Roof X Tender® 900 Premium Thermoplastic Coating is a white, liquid rubber coating manufactured using a select blend of thermoplastic polymers, rubbers and solvents. This coating is ideal for coating and sealing metal, concrete and some single ply membranes. The highly elastic rubber and polymers in this product create a highly durable and flexible coating that expands and contracts over 700%. This rubber like membrane withstands extreme weather conditions, is UV blocked, and provides an ultra cool finish that drastically reduces roof temperatures. This reduction in temperatures leads to lower heat transfer into your building and can substantially reduce energy usage and cooling costs. This product can also serve as a vapor barrier. Do not apply over wet or damp substrates, insulation or uncured coatings as this may cause blisters to form or delamination to occur.

### PREPARATION:

All surfaces must be dry and free of dust, dirt, oil, loose granules, gravel, peeling paint and all other foreign matter. Rusty metal must be cleaned with a wire brush and primed with an approved metal primer before application of this product. Surfaces with mildew growth or stains must be cleaned with a bleach solution (2 parts water to one part bleach) prior to applying this product. Rinse thoroughly. Pressure washing entire surface is recommended for best results (use only a wide fan tip - do not allow stream to tear into roof surface). After cleaning, roof must be allowed to thoroughly dry prior to application. Repair all leaks by troweling or brushing down a thin layer of Roof X Tender® 905 Thermoplastic Rubber Sealant and immediately embedding polyester reinforcing fabric into wet coating. After coating and polyester cure for 1-2 hours (depending on drying conditions), apply an additional layer of RXT-905 or RXT-900 to seal top polyester.

### NOTE:

Use RXT-900 over RXT Fleece Back S/A repair tape at a rate of 1 gal/sq. Over application may cause buckling, delamination or blistering. Not recommended for asphalt and modified asphalt membranes. Do not heat or thin. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 4 HOUR

### APPLICATION:

For exterior use only. This product contains strong solvents and should only be used in a well ventilated area. Ensure protective clothing, masks and eyewear are worn during application of this product. For specific questions see SDS Sheet. Thoroughly Mix Prior To Application. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Temperatures should be above 40°F but not above 110°F. In cool or cold temperatures, store closed containers inside heated room (70-80°F) prior to application. For application over single ply, Roof X Tender® 900 Premium Thermoplastic Coating should be applied at the rate of 1/2 to 3/4 gallon per square per coat. Apply in 2 to 3 coats depending on specification. Total cured film should be 12-14 dry mills when applied at a total rate of 2 gallons per square. Coverage rates vary depending on substrate, application method, specification and condition of surface being coated. Always repair leaks prior to coating. Product should be allowed to dry a minimum of 4-6 hours between coats. Roof X Tender® 900 Premium Thermoplastic Coating should be applied using a roller, spray or heavy duty brush. **OVER APPLICATION WILL CAUSE BUCKLING OF EXISTING SINGLE PLY MEMBRANE.** Metal roofs can be coated at a heavier rate of 1 gal/sq. per coat. Keep container closed when not in use. This product contains solvents. It is the responsibility of the contractor and/or building owner to ensure proper ventilation and fume mitigation procedures are used during application of these products. For most recent guide specifications visit www.rooftxender.com.

### SUNLIGHT:

Reflection of sunlight from light colored or white roof coatings necessitates the use of dark glasses to protect the eyes during application. Sun block should also be used to prevent sunburn and skin damage.

### CLEAN-UP:

Clean tools with paint thinner or mineral spirits.

### GENERAL INFORMATION:

Storage of material shall be provided in cool, shaded areas during hot weather and as close as possible to room temperatures during cold weather. Drums exposed to the weather should be covered with a tarp. This coating should be stirred thoroughly before use. The deck should be protected from all traffic during and after application of the coatings. If heavy traffic is expected or storage of materials on the deck is anticipated, protection boards should be placed on the deck.



- EXTREME FLEXIBILITY
- POWERFUL ADHESION
- FAST CURE
- LOW PERMEABILITY



### PRECAUTIONS:

This product contains strong solvents. When working around ventilation units or HVAC equipment, contractor and/or owner should ensure proper fume mitigation procedures are taken to avoid fumes and/or odors from entering air handling equipment and building. RXT-900 may be sprayed by contractors with experience spraying fast drying solvent based coating. Protective clothing and eyewear should be used during application of these products. When transporting this product, ensure that lid is tight and pail secure and upright. Do not allow pail to tumble as this will cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective cloths to prevent damage due to accidental spills. Do not store at temperatures above 100°F.

### SPECIFICATION DATA:

CRRC Listed. Exceeds Performance Requirements of ASTM D 6083. Miami-Dade County Product Control Approved. This product contains VOC which exceed the limits in some districts/states. Check local VOC regulations before ordering.

Weight Per Gallon	8.5 - 9.0 lbs.
Solids by Weight	40%
Solids by Volume	27%
Reflectivity (ASTM C-523)	91%
Emissivity	89
LEED SRI (Oak Ridge Calculator)	114
Permeability (ASTM D-1653)	< 5 Perms
Adhesion to Polyurethane Foam	Not Recommended
Combustible Solvents	Xylene
Consistency	Brush, Roller or Spray
Surface Temperature	40° - 120°F
Tensile Strength (ASTM D-2370)	800 - 850 psi.
Viscosity (ASTM D-2697)	11,000 CPS
Elongation (ASTM D-562)	700 - 750%
Elongation, Post Weathering (%)	N/A
Flammability	105°F
Clean-up Tools	Paint Thinner, Mineral Spirits
Skin Over (50% Relative Humidity, 70°F)	1 hour
Full Cure (50% Relative Humidity, 70°F)	24 - 48 hours

### SHIPPING WEIGHTS:

5 gallons (18.9L) / 48 lbs.	VOC/VOS 549 g/l max. (4.58 lbs./gal.)
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XYLENE  
TURP BUTYL ACETATE  
TITANIUM DIOXIDE  
GLYCOL ETHER  
RUBBER  
PRODUCT IS ASBESTOS FREE

C.A.S.# 1330-20-7  
C.A.S.# 540-88-5  
C.A.S.# 1317-80-2  
C.A.S.# 111-46-6  
C.A.S.# 66070-58-4



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