

PRODUCT DATA SHEET



• EXTREME FLEXIBILITY



• POWERFUL ADHESION



• FAST CURE

• LOW PERMEABILITY

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 a rust stop 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 Roof X Tender 905 to seal top polyester.

NOTE: Do not use RX-900 over RXT Fleece Back S/A repair tape. Not recommended for asphalt and modified asphalt membranes. Do not heat or thin. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 24 HOURS.

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 MSDS 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. 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 MEMBRANE. 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.rooftender.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.

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.

CLEAN-UP: Clean tools with paint thinner or mineral spirits.

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. 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.

RX-900

PREMIUM THERMOPLASTIC SB

COOL THERMOPLASTIC COATING

This manufacturer also disclaims liability for flat surface application where poor drainage or ponding water may prevail. Do not reuse empty containers. Close container when not in use.

Contains Xylene. Flammable. Keep away from heat, sparks and open flame. If swallowed DO NOT induce vomiting. Call physician immediately. In case of: Eye contact - flush with plenty of water; Skin contact - wash thoroughly with soap and water; Irregular or stopped breathing - administer oxygen, give artificial respiration and get medical attention immediately. Avoid prolonged breathing of vapor or spray mist. (NIOSH/MSHA TC 23C or equivalent). Do not use in drinking water or food systems.

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

NOTE: Percentages may vary +/- 10%

SHIPPING WEIGHTS:

5 gallons (18.9L)	VOC/VOS
48 lbs.	549 g/l max. (4.58 lbs./gal.)

XYLENE	C.A.S.# 1330-20-7
TURT BUTYL ACETATE	C.A.S.# 540-88-5
TITANIUM DIOXIDE	C.A.S.# 1317-80-2
GLYCOL ETHER	C.A.S.# 111-46-6
RUBBER	C.A.S.# 66070-58-4

PRODUCT IS ASBESTOS FREE

