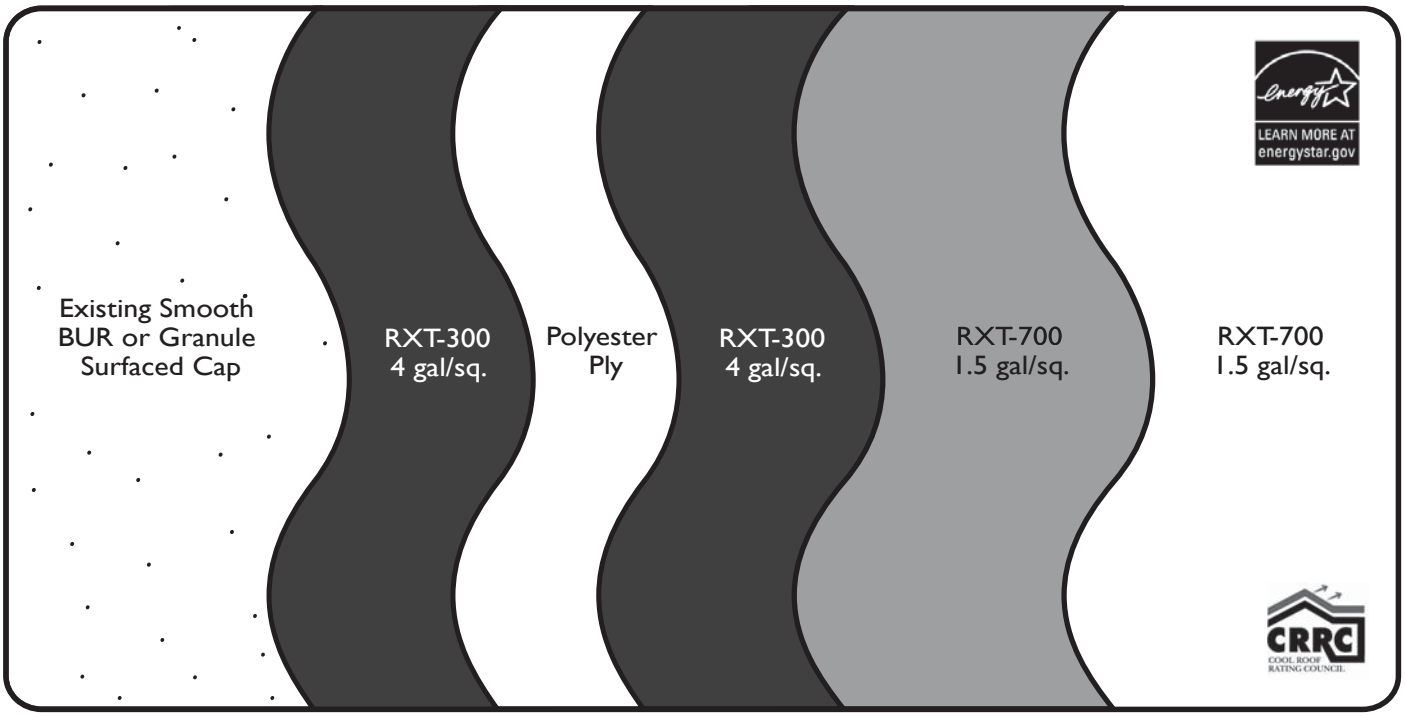
Guide : RXT BU 300- TBI013

HIGH TECH EMULSION WITH WHITE COATING OVER SMOOTH OR MOD BIT.



GENERAL

ROOF X TENDER® Guide RXT-BU-300- TBI013 is a rubberized maintenance system designed for use over smooth built up and modified roof systems. It provides a cool and energy efficient system designed to reduce roof temperatures and extend the service life of roof membranes. All preparation, repairs and damage must be completed prior to application of coating. Three course all drains, curbs, penetrations, flashings etc. using polyester and ROOF X TENDER® 100. Comply with all safety and fall requirements as recommended by OSHA. Always follow good roofing practices as recommended by NRCA. Roofs must maintain positive drainage. Always verify weather conditions before, during and after application (temperatures, humidity, wind and precipitation). Check and follow individual product directions for specific application and installation requirements on product data sheets, labels and MSDS sheets. This is a summary sheet. For job specific requirements and specifications consult with an architect, engineer, roof consultant or design professional.

ENERGY COMPLIANCE:

Energy Star, CRRC

MATERIAL QUANTITIES

RXT-100	Mastic	As needed
Polyester	Three Coursing	As needed
RX-300	Coating	8 gallons per square
Polyester	Reinforcement	1 ply
RXT-700	First coat	1.5 gallons per square
RXT-700	Second coat	1.5 gallons per square
Total RXT-700:		3 gallons per square

INSTALLATION

STEP 1 - Leak repairs
- Complete a Moisture survey to locate wet insulation.
- Locate and mark all leaks on the roof surface.
- Remove and replace wet insulation as shown on moisture survey.
- Re-roof all areas that have been removed with new insulation and membrane equal to existing system.

STEP 2 - Flashing details
- Repair roof splits with three course application of RXT-100 flashing cement and polyester. (3 oz min.)
- Prime exposed metal flanges with ASTM D-41 asphalt primer before three coursing.
- Three course all base flashings at parapet walls, curbs, skylights, penetrations and expansion joints using RXT-100 and polyester fabric.
- Re-seal loose seams on cap sheets with application of RX-100 flashing cement and polyester.
- Top off existing pitch pans with RXT-100 flashing cement.
- Three course drains a minimum of 3' X 3' and run polyester and RXT-100 under drain ring.
- Remove metal copings and install a polyester reinforced SA asphalt tape over entire top and a min. of 2 inches down both sides of wall. Then reinstall metal coping.

STEP 3 - Surface prep
- Remove all loose dust and debris using power broom and blower or roof vacuum.
- Power wash roof and allow to dry min. 24 hrs.
- Tape off and shield surfaces which are not to be coated.

STEP 4 - Resurface and Reinforce
- Apply ASTM D-41 asphalt primer at the rate of 1 gallon per square and let cure 24 hrs.
- Apply RXT-300 Rubber Seal at the rate of 4 gallons per square using spray gun or roller. Embed polyester ply (3 oz min.) into RXT-300 Rubber Seal WB and broom polyester into coating. Ensure the elimination of all voids, wrinkles and blisters. Start on the lowest point of the roof and work horizontally. Overlap plies working up the slope of the roof. Overlap side laps a minimum of 4 inches and end laps a minimum of 6 inches.
- Apply an additional 4 gallons of RXT-300 over top of polyester. Ensure polyester is thoroughly sealed with RXT-300 Rubber Seal and allow to completely dry.

STEP 5 - Reflect and Protect
- Apply RXT-700 at the rate of 1.5 gallons per square, per coat. Apply coating in a cross hatch pattern allowing 4-8 hours between coats. Apply second coat perpendicular to first. Two coats are required for all applications.
- For areas around drains and where water stands, apply an additional layer of polyester set in 3-4 gallons of RXT-700 Acrylic Coating. Allow to cure and apply two coats over top of polyester at 1.5 gals per square per coat.

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