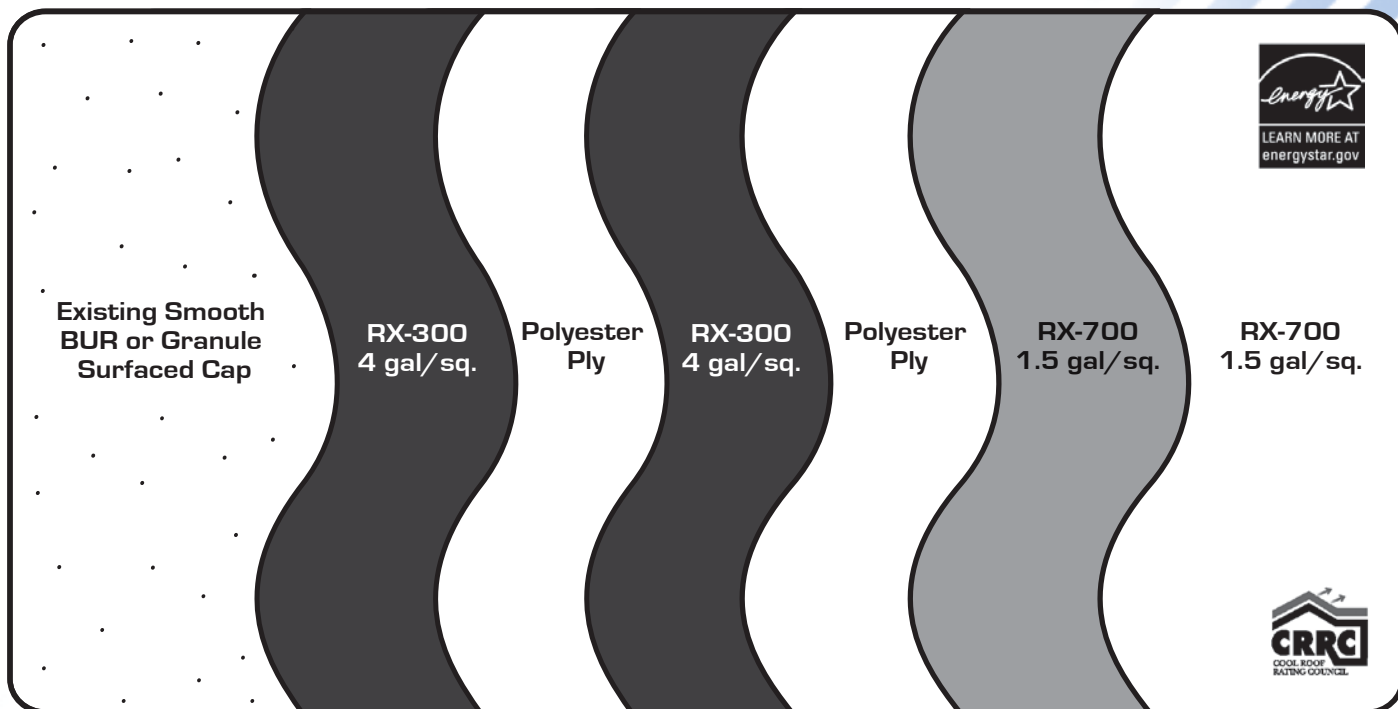


**REINFORCED LIQUID RUBBER SURFACING WITH ACRYLIC OVER SMOOTH OR MOD BIT.**

**GUIDE #:RX2-BU-300-AC**



**GENERAL**

Roof X Tender Guide # RX2-BU-300-AC is a reinforced and rubberized maintenance surfacing designed for use over smooth built up and modified roof systems. It provides a cool and energy efficient surfacing 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.

**COMPLIANCE:**

Energy Star, CRRC

**MATERIAL QUANTITIES**

RX-100	Mastic	As needed
Polyester	Three Coursing	As needed
RX-300	Coating	8 gallons per square
Polyester	Reinforcement	2 ply
RX-700	First coat	1.5 gallons per square
RX-700	Second coat	1.5 gallons per square
Total RX-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 RX-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 RX-300 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 RX-100 flashing cement.
- Three course drains a minimum of 3' X 3' and run polyester and RX-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 RX-300 Rubber Seal at the rate of 4 gallons per square using a brush, squeegee or roller. Embed polyester ply (3 oz min.) into RX-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 RX-300 over top of polyester and embed a second ply of polyester. 2 ply polyester may also be installed in shingle fashion using a minimum side lap of 2". Ensure polyester is thoroughly saturated with RX-300 Rubber Seal and allow to completely dry.

**STEP 5 - Reflect and Protect**

- Apply RX-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 RX-700 Acrylic Coating. Allow to cure and apply two coats over top of polyester at 1.5 gals per square per coat.

**WARRANTY AND DISCLAIMER:** To the best of our knowledge, the guide data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact TRIBUILT to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with TRIBUILT warranty procedures and program.

