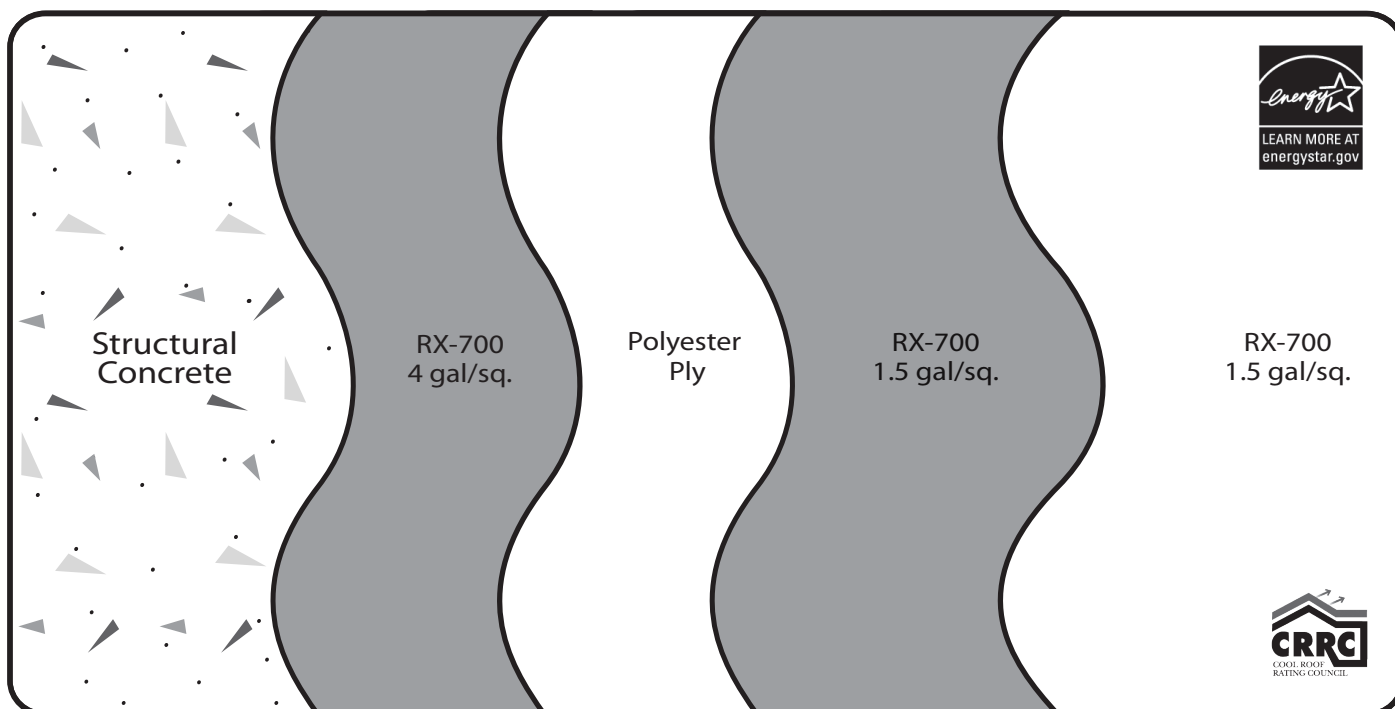


## REINFORCED ACRYLIC MEMBRANE OVER STRUCTURAL CONCRETE (min. 2500 psi.)

Guide : RXI-CO-700-700



### GENERAL

ROOF X TENDER® Guide RXT1-CO-700-700 is an acrylic roof system designed for use over new or existing structural concrete decks. 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, cold joints and cracks, etc. using polyester and acrylic patch. All penetrations shall be three coursed using an approved acrylic roof patch and polyester. 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 and maintain a minimum 1/2" slope. For slope <1/2" use RX1-CO-585-585. 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

Acrylic Patch	Flashings & Penetrations	As needed
Polyester	Three Coursing	As needed
RX-700	Embedding Coat	4 gallons per square
Polyester	Reinforcement	1 ply
RX-700	Base Coat	1.5 gallons per square
RX-700	Top Coat	1.5 gallons per square
Total:		7 gallons per square

### SURFACE PREP

#### STEP 1 - Leak repairs

- Shot blast or grind surface to remove all laitance, curing compounds, dust and debris.

#### STEP 2 - Flashing details

- Repair roof splits with three course application of an acrylic patching compound and polyester. (3 oz min.)
- Three course all base flashings at parapet walls, curbs, skylights, penetrations and expansion joints using an acrylic patching compound and polyester fabric.
- Re-seal loose seams on cap sheets with application of an acrylic patching compound and polyester.
- Top off existing pitch pans with an acrylic patching compound.
- Three course drains a minimum of 3' X 3' and run polyester and an acrylic patching compound 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 RX-700 Gray Acrylic at the rate of 4 gallons per square using spray gun or roller. Embed polyester ply (3 oz min.) into RX-700 Gray Acrylic 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. Allow to completely and thoroughly dry.

#### STEP 5 - Reflect and Protect

- Apply RX-700 White Acrylic at the rate of 1.5 gallons per square, completely saturating polyester fabric. Apply coating in a cross hatch pattern allowing 4-8 hours before applying second coat. Apply second coat of RX-700 White Acrylic at the rate of 1.5 gallons per square, 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 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.

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