

ROOF X TENDER® 705 ACRYLIC ROOF PATCH

DESCRIPTION:

Roof X Tender® 705 Acrylic Roof Patch is an extra tough, fiber reinforced repair sealant. Roof X Tender 705 offers outstanding adhesion, elasticity, flexibility, tensile strength and UV resistance. Ideal for 3-coursing, Roof X Tender 705 can be paired with a variety of reinforcing fabrics. This versatile acrylic patch can be left uncoated as a standalone product or in conjunction with most Roof X Tender coatings. Not recommended for use prior to application of silicone based coatings.

PREPARATION:

All surfaces must be dry and free of dust, dirt, oil, loose granules and gravel. Use of this product on TPO, PVC or Hypalon single ply membranes requires the use of an approved Roof X Tender primer and the completion of pull tests prior to application.

APPLICATION:

For exterior use only. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Application should be completed a minimum of 4 hours prior to sunset. Temperatures must be above 55 °F (for 24 hours) and rising, but not above 110 °F. DO NOT apply if heavy dew or rain is expected within 24 - 48 hours. Skins over in 4 hours and fully cures in 24 - 36 hours at 70 °F & 50% relative humidity. Higher humidity, thicker films, shade, poor air flow and lower temperatures will increase dry times. Remove any excess or puddling water prior to application. Apply with a trowel or paint brush. Coat entire damaged area and extend 2" beyond damaged area. Embed reinforcing fabric into the repair while wet. Apply second layer of patch, brushing over and into embedded fabric. Allow to cure 24 - 36 hours and coat entire roof with an Roof X Tender water-based reflective roof coating. DO NOT THIN.

FOR BEST RESULTS:

Apply in early morning hours on clear sunny day.

COVERAGE RATES:

Approximately 25 sq. ft. per gal.

STORAGE & HANDLING PRECAUTIONS:

Do not store at temperatures below 50 °F. DO NOT allow product to freeze. Protective clothing, gloves, 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 may 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. Seal container when not in use.

CLEAN-UP:

Clean tools with soap and water.

NOTE:

If roof becomes hot (over 100 °F) during application, lightly mist roof surface with water spray to prevent product from drying too fast. If roof surfaces become soiled with age, due to the elements, RX-705 can be cleaned with a mild solution of bleach and water. Excess scrubbing should be avoided. If coloring is desired, a typical addition of 3 - 4 ounces per gallon of universal colorant can be added, which will result in light pastel colors. Color tinting will disclaim warranty.



COMPLIANCE:

Exceeds performance requirements of ASTM D1475, ASTM D2196, ASTM D2939 and TAS 139. Miami-Dade County Product Control Approved.

Weight Per Gallon	9.6 -10.6 lbs/gal
Viscosity (pen)	240 dmm
pH	7.0 - 7.5
Solids by Weight	63%
Tensile Strength	300 - 350 psi
Elongation (ASTM D562)	425%
Adhesion to Polyurethane	Excellent
Combustible Solvents	None
Consistency	Trowel or Paint Brush
Skin Time (50% Relative umidity, 70 °F)	4 hours
Full Cure (50% Relative umidity, 70 °F)	24 - 36 hours
Application Temperatures	55 °F - 110 °F
Clean-up Tools	Soap & Water

NOTE: Percentages may vary +/- 10%

SHIPPING WEIGHTS:

1 gallon (3.8L) 11 lbs.	Less than 17.0 grams per liter
3 gallons (11.36L) 33 lbs.	
5 gallons (18.9L) 55 lbs. VOC/VOS	
Water	CAS # 7732-18-5
Latex Polymer	CAS # Mixture
Titanium	CAS # 13463-67-7
Calcium Carbonate	CAS # 1317-65-3
Cellulose Fiber	CAS # 9004-34-6



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