

ROOF X TENDER® 450

PREMIUM FIBERED ALUMINUM ROOF COATING

DESCRIPTION:

Roof X Tender® 450 Premium Fibered Aluminum Roof Coating is a professional grade, aluminum reflective coating that is Energy Star listed and exceeds 18-13 Chicago Energy Standards and other energy codes. Roof X Tender® 450 is a professional grade coating designed to provide the brightest and longest lasting finish. The high content of aluminum in this product enables it to form a brilliant silver shield to reflect the sun's destructive rays. Cooling costs can be significantly reduced while the underlying roofing materials are protected and preserved. Roof X Tender® 450 serves as a great rust inhibitor and will aid in the prevention of corrosion for metal surfaces. Roof X Tender® 450 also contains interlocking fibers which increase the life and durability of the coating.

PREPARATION:

All surfaces must have proper drainage and be clean, dry and free of surface rust and any other foreign matter. Repair all leaks and problem areas with an Roof X Tender® Fleece Back Tape or Roof X Tender® polyester fabric. When applying this product over a new roof system or a solvent based product, surface must weather a minimum of 30 days and up to 90 days depending on application. DO NOT HEAT OR THIN. Priming, is optional, but recommended. Topcoat application may occur after primer has 48 hours of cure time.

APPLICATION:

For exterior use only. Protective clothing and eye wear should be used during application of this product. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Temperatures should be above 50°F and rising for proper leafing of aluminum and brightest finish. Mix coating and apply evenly using professional airless sprayer, brush or roller. Spread in both horizontal and vertical directions, overlapping ends of strokes. Avoid excessive build-up or puddling. When brushing, avoid scraping into existing roof surface. All finished strokes should be made in the same direction. When buying multiple containers, it is recommended to match the batch codes on the lids to avoid shade variances. This product contains solvents. Precautions should be taken by applicator and/or building owner to prevent fumes from entering interior air spaces or HVAC Systems. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 48 HOURS. For most recent guide specifications visit www.rooftxtender.com.

FOR BEST RESULTS:

STIR CONTENTS BEFORE AND DURING USE AS REQUIRED. Aluminum pigment settles out and thorough stirring is necessary to re-disperse this component prior to use. A power drill mixer can be very helpful to mix product. In cold weather, store product in heated room (65°F to 80°F) at least 24 hours to coating.

COVERAGE RATE:

May vary depending on texture of surface. Built-up (roll roofing) 1.5 gal. per square; Smooth surface and Metal Roofing - 1 gal. per square. Avoid foot traffic once applied. Apply to sound surfaces in good condition.

SPRAY INFO:

1000-2000 PSI, .055-.071 Tip Size, 3-6 GPM (topcoat), 2-4 GPM (BUR)
NOTE: This product is not recommended for use on wood, asphalt shingles. Standing water dulls aluminum, and may cause adhesion failure between the coating and substrate. In warmer weather, application to steep slopes may result in some running of the coating until fully dry.

CLEAN-UP:

Clean tools with paint thinner or mineral spirits.



- HIGHLY REFLECTIVE
- REDUCES ENERGY USE
- COOL FINISH



PRECAUTIONS:

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. Do not store at temperatures above 110° F. The container should be tightly sealed to prevent solvent evaporation and to keep out moisture. WATER MAY REACT WITH ALUMINUM PIGMENT TO PRODUCE HYDROGEN GAS, AND EXPLOSION HAZARD. This manufacturer also disclaims liability for flat surface application where poor drainage or moisture may prevail. Do not reuse empty containers. Do not use in drinking water or food systems.

SPECIFICATION DATA:

Exceeds requirements of ASTM 2824-Type III. MIAMI-DADE APPROVED. ASBESTOS FREE. This product contains VOC which exceed the limits in some districts/states. Check local VOC regulations before ordering.

Weight Per Gallon	8.5 lbs.
Residue by Evaporation	50 min.
Reflectivity (ASTM C-523)	65% min.
Combustible Solvents	Mineral Spirits
Consistency	Brush, Roller or Spray
Skin Over (50% Relative Humidity, 70°F)	4 - 8 hours
Full Cure (50% Relative Humidity, 70°F)	24 - 48 hours
Application Temperatures	50 - 120°F
Flammability	105°F
Clean-up Tools	Paint Thinner, Mineral Spirits

NOTE: Percentages may vary +/- 10%

SHIPPING WEIGHTS:

5 gallons (18.9L)	VOC/VOS
44 lbs.	500 g/l max

PETROLEUM ASPHALT	C.A.S.# 8052-42-4
MINERAL SPIRITS	C.A.S.# 8052-41-3
CELLULOSE FIBER	C.A.S.# 9004-34-6
ALUMINUM PASTE	C.A.S.# Mixture
PRODUCT IS ASBESTOS FREE	

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