

## ROOF X TENDER® 450 Premium FIBERED SB 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 3 lbs. 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® and 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.roofxtender.com](http://www.roofxtender.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.

### 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.

**CLEAN-UP:** Clean tools with paint thinner or mineral spirits.



- HIGHLY REFLECTIVE
- REDUCES ENERGY USE
- COOL FINISH



Contains petroleum based products. If swallowed DO NOT induce vomiting. Call physician immediately. In case of: Eye contact - flush with plenty of water; Skin contact - wash thoroughly with soap and water; Irregular or stopped breathing - administer oxygen, give artificial respiration and get medical attention immediately. Avoid prolonged breathing of vapor or spray mist. (NIOSH/MSHA TC 23C or equivalent). Do not use in drinking water or food systems.

CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ). **WARNING:**

This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation, when using product.

### CAUTION:

MAY BE HARMFUL OR FATAL IF SWALLOWED. EYE, SKIN AND RESPIRATORY IRRITANT. Use with adequate ventilation. Keep out of the reach of children.

**SPECIFICATION DATA:** Exceeds requirements of ASTM 2824-Type III. Energy Star. Chapter 18-13 of Chicago Energy Conservation Code. 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:

1 gallon (3.8L)

10 lbs.

5 gallons (18.9L)

44 lbs.

55 drums (208.2L)

520 lbs.

VOC/VOS

500 g/l max

PETROLEUM ASPHALT  
MINERAL SPIRITS  
CELLULOSE FIBER  
ALUMINUM PASTE  
PRODUCT IS ASBESTOS FREE

C.A.S.# 8052-42-4

C.A.S.# 8052-41-3

C.A.S.# 9004-34-6

C.A.S# Mixture

