



# Premium Fibered Aluminum Coating

**COMPLIANCE:** Exceeds performance requirements of ASTM D 2824, TYPE III. ASBESTOS FREE.

**DESCRIPTION:** Stelco™ Premium Fibered Aluminum Roofing Coating is an E-Z Stir, professional grade reflective and protective coating. Using engineered metallic aluminum pigments, this product creates a silver shield that reflects and protects surfaces from the damage caused by the sun, rain, moisture and other elements. This product also helps to reduce roof temperatures and serves as a rust inhibitor. Using this product will help to extend the service life of roofs, tanks and other approved surfaces.

**PREPARATION:** All surfaces must have proper drainage and be clean, dry and free of surface rust and any other foreign matter. All leaks must be three coursed and repaired and allowed to cure prior to application of aluminum. Priming is recommended. DO NOT HEAT OR THIN. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 36 HOURS.

**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 prior to coating.

**APPLICATION:** For exterior use only. Protective clothing and eyewear 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 must be above 50°F (for 24 hours) and rising, but not above 110°F. 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 finish 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.

**COVERAGE RATE:** Coverage varies depending on texture of surface. Built-up (Smooth Surface) & Metal: Approximately 1 to 1.25 gals per square. Granular Surface: Approximately: 1.25 to 1 1/2 gal. per 100 sq. ft. Avoid foot traffic once applied. Apply to sound surfaces in good condition.

**NOTE:** This product is not recommended for use on wood or 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:** This product contains solvents. When working around ventilation units or HVAC equipment, ensure proper fume mitigation procedures are taken to avoid fumes and/or odors from entering air handling equipment and building. When transporting this product, ensure that lid is tight and pail is 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.

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See MSDS for more info

## TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	7.8 - 8.2 lbs.
Residue by Evaporation	52% min.
Reflectivity (ASTM C-523)	60% min.
Combustible Solvents	Mineral Spirits
Consistency	Brush, Roller or Spray
Cure Time (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

**Approx. Shipping Weights:** (Note: All approx. weights include container.)

5 gallons (18.9L)	42 lbs.
55 drums (208.2L)	490 lbs.

**CAUTION! – COMBUSTIBLE MIXTURE.  
HARMFUL OR FATAL IF SWALLOWED.  
KEEP OUT OF REACH OF CHILDREN.  
EYE, SKIN AND RESPIRATORY IRRITANT.  
USE WITH ADEQUATE VENTILATION  
FOR EXTERIOR USE ONLY.**

Contains Petroleum Distillate. Keep away from heat, sparks and open flame. If swallowed DO NOT induce vomiting. Call physician immediately. In case of : Eye contact - flush with large amounts of room temperature water for 15 minutes; 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.

**VOC/VOS - Less than 500 g/L max. (4.2 lbs./gal.)**

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.

**LIMITED WARRANTY AND DISCLAIMER:** Stelco™ Manufacturing, Inc, a Pennsylvania Corporation, warrants to the original purchaser, that this product will be free from any manufacturing defects that will materially affect the products ability to perform as stated on the product label. If you notify us of a defect and provide proof of purchase, we will replace the defective product at no cost to you. This limited warranty is the sole and exclusive remedy for any such defective product. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESSED OR IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND / OR FITNESS FOR ANY PARTICULAR USE OR PURPOSE, AND STELCO MANUFACTURING, INC., WILL IN NO EVENT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.



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