



# SILVER GUARD®-F FIBERED ALUMINUM ROOF COATING

## DATA SHEET

**COMPLIANCE:** Exceeds performance requirements of ASTM D2824, TYPE III. UL CLASS A RATED File #R11333. Miami-Dade County Product Control Approved.

**DESCRIPTION:** APOC® 208 Silver Guard®-F Fibered Aluminum Roof Coating is a 2 pound, professional grade reflective coating formulated to provide a bright and long lasting finish. The aluminum pigment in this product enables it to form a silver shield to reflect the sun's destructive rays. Cooling costs can be reduced while the underlying roofing materials are protected and preserved. APOC 208 Silver Guard-F serves as surface protector for a variety of substrates, as well as a rust inhibitor and will aid in the prevention of corrosion for metal surfaces. APOC 208 Silver Guard-F also contains interlocking fibers which increase the life and durability of the coating.

**PREPARATION:** Download the APOC App for detailed installation instructions, videos, tips specifications, product handling and Safety Data Sheets. Completely read all application instructions and check weather conditions prior to starting any work. All surfaces must be completely clean, dry, have proper drainage and be free of surface rust, dust and any other foreign matter or debris. Rusty metal must be cleaned with a wire brush and primed with APOC 291 or rust converting primer before application of this product. Surfaces with mildew growth or stains must be cleaned with a bleach solution (2 parts water to one part bleach) prior to applying this product. Rinse thoroughly. Pressure washing entire surface is recommended (use only a wide fan tip - do not allow stream to tear into roof surface). Repair all leaks and cracks BEFORE applying any coating. Make repairs with polyester reinforcing fabric and APOC roof sealant (264, AP-1, 501) or use APOC Incredible® Fleece-Top® Tape as an alternate repair. Allow repair to cure according to product directions before application of roof coating. Surfaces previously coated with aluminum, asphalt or tar should be allowed to cure for a minimum of one summer season prior to coating. Do not heat or thin. DO NOT APPLY WHEN RAIN OR HEAVY DEW IS EXPECTED WITHIN 24 HOURS OF APPLICATION COMPLETION.

**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 colder weather, product should be stored at ambient temperatures (65 °F to 80 °F) at least 24 hours prior to application. This will allow for easier application of product.

**FALL PROTECTION WARNING:** Always use personal fall protection devices and follow procedures in accordance with OSHA and local regulatory requirements when walking or working on roofs. Use safety equipment such as tie-offs, safety lines, body harnesses, toe boards and ladders. Dusty, damp or wet conditions, as well as certain shoes can result in slippery surfaces and create a fall hazard. Always be cognizant of where you are in relation to your surroundings including but not limited to: the edge of the roof, any projections, skylights and any other objects which could cause you to slip or fall. Falling from a roof can result in serious harm or death.

**APPLICATION:** For exterior use only. Protective clothing, gloves 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. Finish all application a minimum of 4 hours prior to sunset in standard drying conditions to allow coating to properly cure. Allow longer cure periods in temperatures below 60 °F. Avoid foot traffic once applied. The manufacturer also disclaims liability for flat surface application where poor drainage or ponding of water may prevail.

**SPRAY INFO:** 1500 - 2000 PSI, .055 - .061 Tip Size, 1.5 - 2.0 GPM

**COVERAGE RATES:** (May vary depending on texture of surface) Built-up (Smooth Surface): 0.75 - 1.0 gal. per 100 sq. ft. Metal Roofing: 0.75 - 1.0 gal. per 100 sq. ft. Granular Surface: 1.0 - 1.5 gal. per 100 sq. ft.

**NOTE:** Do not allow coating to puddle. Over application may cause dulling / graying of aluminum finish. Presence of moisture or dew prior to complete cure will cause dulling / browning of aluminum surface. 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

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

### TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	8.0 lbs.
Residue by Evaporation	55 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 °F - 120 °F
Clean-up Tools	Paint Thinner, Mineral Spirits

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

1 gallon (3.78L)	10 lbs
5 gallons (18.9L)	42 lbs.
55 drums (208.2L)	490 lbs.

**VOC: <400 g/L (regulatory) - California VOC: <500 g/L (regulatory) - US**

**STORAGE & HANDLING PRECAUTIONS:** WATER MAY REACT WITH ALUMINUM PIGMENT TO PRODUCE HYDROGEN GAS, AND EXPLOSION HAZARD. The manufacturer also disclaims liability for flat surface application where poor drainage or ponding or moisture may prevail. Store product in the cargo area of vehicle, and secure on top of 6 mil plastic sheeting to prevent damage due to accidental spills or loosening of lids. Product safety information required for safe use is not included. Before handling, read product safety data sheets and container labels for safe use and for physical and health hazard information. Safety Data Sheets are available on the APOC website at [www.apoc.com](http://www.apoc.com), the APOC APP, by contacting APOC at [technicalinfo@apoc.com](mailto:technicalinfo@apoc.com) or calling (813) 248-2101.

**LIMITED WARRANTY AND DISCLAIMER:** To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact APOC to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied.

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