



# 212 PREMIUM FIBERED ALUMINUM ROOF COATING

## TECHNICAL DATA SHEET



### TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	8.5 lb.
Residue be Evaporation	50 min.
Reflectivity (ASTM C-523)	65% 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
Flammability	105°F
Spray Info	1500-2000 PSI .055-.061 Tip Size 1.5-2.0 GPM

### Approx. Shipping Weights:

(Note: All approx. weights include container)

5 gallons (18.9L)	44 lb.
55 gallon drum (208.2L)	520 lb.

VOC: <450 g/L max. (regulatory)

### DESCRIPTION:

**APOC® 212 Premium Fibered Aluminum Roof Coating** is a 3 pound professional grade, UL Rated, aluminum reflective coating. It is formulated to provide the brightest and longest lasting finish. APOC® 212 is the highest quality aluminum coating on the market. 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. APOC® 212 serves as a great rust inhibitor and will aid in the prevention of corrosion for metal surfaces. APOC® 212 also contains interlocking fibers which increase the life and durability of the coating.

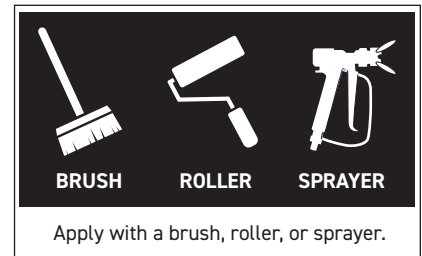
### PREPARATION:

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 APOC® 264 and APOC® Polyester Reinforcing Fabric. Priming, using APOC® 300 is recommended. These products allow finish coat application after 48 hours cure time. When applying this product over a new roof system or a solvent based product, surface must weather a minimum of up to 90 days depending on application. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 36 HOURS.

### APPLICATION:

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 drill and paddle is required for proper mixing. Mix until bucket contents are smooth and of uniform consistency. In cold weather, store product in heated room (65 °F to 80 °F) at least 24 hours to coating. For exterior use only. Protective clothing, gloves, and eyewear should be used during application of this product. Please refer to SDS for specific PPE. 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 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.

NOTE: This product is not recommended for use on shingles, tile, EPDM, TPO, or other single ply membranes. 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. For exterior use only in well-ventilated areas.



### COVERAGE RATE:

(May vary depending on texture of surface)

**Build-up (Smooth Surface), Granular Surface and Metal Roofing:** 1.0 - 1.5 gal. per 100 sq. ft. Avoid foot traffic once applied. Apply to sound surfaces in good condition.

### CLEAN-UP:

Paint thinner or mineral spirits.

Gardner-Gibson, Inc.

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### PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE CLOTHING



GLOVES

### STORAGE & HANDLING PRECAUTIONS:

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. Material safety data sheets are available on the APOC website at [www.apoc.com](http://www.apoc.com). You can also obtain a copy from your local APOC Distributor or APOC sales representative.

### WARRANTY & DISCLAIMER:

Register your warranty for extended warranty terms within 60 days of the completion of the project at [www.apoc.com/pages/warranty](http://www.apoc.com/pages/warranty). APOC Roofing Systems, LLC hereby warrants to the original purchaser, contingent upon original proof of purchase, that this product will be free from any defects that may materially and adversely affect the product's performance for a period of one year from the date of original purchase.