

# AP 214



## SPEC GRADE FIBERED ALUMINUM ROOF COATING Data Sheet

**COMPLIANCE:** Exceeds performance requirements of ASTM 2824, Type III and ASTM D 3805. MIAMI-DADE APPROVED. ASBESTOS FREE.

**DESCRIPTION:** APOC® 214 SPEC GRADE Fibered Aluminum Roof Coating is a special order aluminum roof coating. APOC® 214 is designed for spec jobs that require a higher aluminum content per gallon. Aluminum content as per specification. Minimum order quantities apply.

**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 White Roof Patch or APOC® 501 and Polyester Fabric. When applying APOC® 214 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. Priming, using APOC® 300 and APOC® 337 is recommended. These products allow finish coat application after 48 hours cure time. 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 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 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.

**COVERAGE RATE:** (may vary depending on texture of surface) Built-up (Smooth Surface), Granular Surface and Metal Roofing: 1 to 1 1/2 gal. per 100 sq. ft. Avoid foot traffic once applied. Apply to sound surfaces in good condition.

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

**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 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. For exterior use only. 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	8.2 lbs.
Residue by Evaporation	52 min.
Reflectivity (ASTM C-523)	70% 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)	45 lbs.
55 drums (208.2L)	500 lbs.

### CAUTION – COMBUSTIBLE MIXTURE CAUTION!: HARMFUL OR FATAL IF SWALLOWED. EYE, SKIN AND RESPIRATORY IRRITANT.

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.

**FOR EXTERIOR USE ONLY  
Use with adequate Ventilation  
Keep Out of Reach of Children  
VOC/VOS - 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.

**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. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with APOC warranty procedures and program.

For limited warranty and disclaimer information, visit our website at: [www.apoc.com/productwarrantyinfo](http://www.apoc.com/productwarrantyinfo).



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