



# 208 FIBERED ALUMINUM ROOF COATING

## TECHNICAL DATA SHEET



**7**  
YEAR

WARRANTY

MIAMI-DADE COUNTY  
APPROVED



### TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	8.0 lb
Residue by Evaporation	55 min.
Reflectivity (ASTM C-523)	58-62% min.
Combustible Solvents	Mineral Spirits
Cure Time (50% Relative Humidity, 70°F)	4-8 hours
Full Time (50% Relative Humidity, 70°F)	24-48 hours
Application Temperatures	50 °F - 120 °F

#### Approx. Shipping Weights:

(Note: All approx. weights include container)

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

**VOC: <450 g/L (regulatory)**

### DESCRIPTION:

**APOC 208 Fibered Aluminum Roof Coating** is a reflective coating formulated to provide a long lasting, bright silver finish. APOC 208 protects roof surfaces, is a rust inhibitor and prevents corrosion on metal surfaces. Can be used on all roof slopes with positive drainage. APOC 208 exceeds performance requirements of ASTM D2824, TYPE III, is UL CLASS A RATED File #R11333 and Miami-Dade County Product Control Approved.

### PREPARATION:

All surfaces must be clean, dry, have proper drainage and 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 or stains must be cleaned with APOC 801 Heavy Duty Roof Cleaner or comparable cleaner 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 or APOC Incredible® Fleece-Top Tape and APOC 264 Elastomeric Roof Patch, AP-1 Construction Sealant & Adhesive or APOC 501 Neoprene Flashing Sealant. 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.

### APPLICATION:

Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Application should be completed a minimum of 4 hours prior to sunset. Temperatures must be above 50°F (10°C) for 24 hours and rising, but not above 120°F (48°C). DO NOT apply if heavy dew or rain is expected within 24-48 hours. Fully cures in 24 hours at 70°F (21°C) & 50% relative humidity. In colder weather, product should be stored at ambient temperatures 65°F (18°C) to 80°F (26°C) at least 24 hours prior to application. Mix coating and apply evenly using a brush or roller. Can use a professional airless sprayer as well, but be cautious of over application\*. Spray info: 1500 - 2000 PSI, .055 - .061 Tip Size, 1.5 - 2.0 GPM. 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.

\*NOTE: 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 shingles, tile, EPDM, TPO, or other single ply membranes. Standing water dulls aluminum, and may cause adhesion failure between the coating and substrate.

### COVERAGE RATE:

(May vary depending on texture of surface)

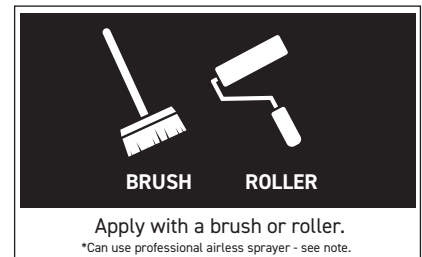
**Built-up (Smooth Surface):** 0.75 - 1.0 gal. per 100 sq. ft.

**Metal Roofing:** 0.75 - 1.0 gal. per 100 sq. ft.

**Granular Surface:** 1.0 - 1.5 gal. per 100 sq. ft.

### CLEAN-UP:

Clean with xylene or minerla spirits/paint thinner.



Gardner-Gibson, Inc.

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### PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE  
CLOTHING



GLOVES

### PRECAUTIONS:

Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/intrinsically safe equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist/vapors/spray. Wear protective gloves, protective clothing, eye protection and face protection. Use in a well-ventilated area. Avoid release to the environment. Wash all exposed external body areas thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. **KEEP OUT OF REACH OF CHILDREN.** Contains white spirits, aluminum paste, bitumen, gilsonite, perlite and other solvents and additives. If exposed or concerned get medical advice. **IF SWALLOWED** Immediately call a POISON CENTER/doctor/physician/first aider. Do NOT induce vomiting. **IF INHALE** Remove person to fresh air and keep comfortable for breathing. **IF ON SKIN:** Wash with plenty of soap and water. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of fire: Use alcohol resistant foam or normal protein foam to extinguish. Collect spillage. Take off contaminated clothing and wash it before reuse. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Dispose of contents/container to authorized hazardous or special waste collection point and in accordance with applicable local/national/regional/international regulations. SEE SAFETY DATA SHEET.

### STORAGE & HANDLING PRECAUTIONS:

Do not heat or thin. Keep container sealed when not in use. Product must be kept out of sunlight, protected from the elements and in areas where air flows freely and is not restricted. Shelf life is up to 18 months from date of manufacturer for unopened containers. For maximum shelf life store between 50°F (10°C) and 80°F (26°C). Storage at temperatures outside these conditions or at relative humidity over 65% will reduce shelf life. Storage longer than 6 months may require additional mixing. Tightly seal container after opening and when not in use. Opened containers should be used within 3 - 5 days after opening. If a skin forms, remove prior to mixing material. When transporting this product, ensure that the lid and openings are tight and unit is secure and upright. Do Not allow products to tumble or shift as this may cause 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 on top of 6 mil plastic sheeting to prevent damage due to accidental spills or loosening of lids.

### WARRANTY AND DISCLAIMER:

**WARRANTY AND DISCLAIMER:** APOC warrants product to be free of material defects for a period of 7 years, the "Warranty Period", from the date of purchase. Product must be applied in accordance with the proper application procedures, and for the intended use as stated on the label. Proper preparation and drying conditions must be observed to achieve correct results. Should a product not perform as stated, APOC shall, within its sole discretion and upon receipt of purchaser's timely written notice within the Warranty Period, provide replacement product to repair the affected area or prorate a portion of the purchase price of the defective product based on the claim period. This limited warranty does not cover labor or installation costs, consequential damages or incidental damages. Under no circumstances will the company be liable for any amount in excess of the product purchase price. Contact company below to request a refund with purchase receipt. There are no warranties which extend beyond the description on the face hereof. **THIS LIMITED WARRANTY IS THE SOLE WARRANTY PROVIDED BY APOC TO THE PURCHASER. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE PROVIDED WITH THIS PRODUCT.**