



PREMIUM ALUMINUM COATINGS

#211 • #212 • #400



APOC® is the #1 brand of Reflective Coatings for the professional roofing contractor. APOC's Aluminum and Acrylic coatings using only the finest ingredients. Our strict quality control standards and proprietary manufacturing processes produce the most consistent, durable and longest lasting coatings on the market. In addition, our numerous patents in coating technology provide APOC with a distinct advantage when it comes to "real world" performance. APOC... **"Tested Best"** by leading roofing contractors.™



APOC... "TESTED BEST" BY LEADING ROOFING CONTRACTORS™

#211 LIQUID-SILVER NF™ PREMIUM NON FIBERED ALUMINUM ROOF COATING

APOC® #211 LIQUID SILVER-NF™ Premium Non-Fibered Aluminum Roof Coating is a true 2 lb., UL Rated, premium aluminum coating. It is formulated to provide the brightest and longest lasting finish. 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® #211 also serves as a great rust inhibitor and will aid in the prevention or corrosion for metal surfaces.

#212 LIQUID-SILVER NF™ PREMIUM FIBERED ALUMINUM ROOF COATING

APOC® #212 Premium Fibered Aluminum Roof Coating is a true 2 lb., UL Rated, premium fibered aluminum coating. It is formulated to provide the brightest and longest lasting finish. 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.

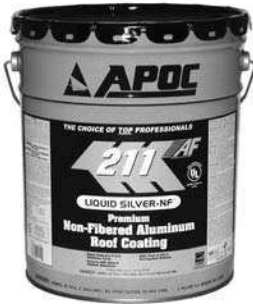
#400 SUNBRITE® EMULSION ALUMINUM ROOF COATING

APOC® #400 Sunbrite® Aluminum Emulsion is a premium UL Rated, highly reflective aluminum coating. This technologically advanced water based coating is extremely easy to mix, apply and clean up. Sunbrite's brilliant aluminum finish reflects the sun's rays to help lower interior temperatures and preserve roof surfaces. Sunbrite can be applied over virtually any type of roof contains built-in rust inhibitors. As a water-based coating, Sunbrite is non-polluting, non-toxic and non-combustible. For brightest finish, Sunbrite should be spray applied and not brushed or rolled. DO NOT ALLOW PRODUCT TO FREEZE.

DON'T REPLACE IT. RESTORE IT.™

FL-1052

LIQUID-SILVER NF™ PREMIUM NON-FIBERED ALUMINUM ROOF COATING



COMPLIANCE: ASTM 2824-Type I, UL CLASS A RATED File #R11333, METRO DADE APPROVED - ASBESTOS FREE. California products meet Los Angeles A.P.C.D. (Rule #102)

DESCRIPTION: APOC® 211 Liquid Silver-NF™ Premium Non-Fibered Aluminum

Roof Coating is a true 2 lb., UL Rated, premium aluminum coating. It is formulated to provide the brightest and longest lasting finish. 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® 211 also serves as a great rust inhibitor and will aid in the prevention or corrosion for metal surfaces.

COVERAGE RATE (may vary depending on texture of Surface): Built-up (roll roofing) 1 gal. per 75 sq. ft.; Smooth surface and Metal Roofing - 1 gal. per 75-100 sq. ft. Avoid foot traffic once applied. Apply to sound surfaces in good condition.

SPRAY INFO: 500-1000 PSI, 0.61 Tip Size, 3-6 GPM (topcoat), 2-4 GPM (BUR)

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	8.5-9.0 lbs.
Residue by Evaporation	60 min.
Reflectivity (ASTM C-523)	70% min.
Metallic Aluminum	15% min.
Combustible Solvents	Mineral Spirits
Consistency Brush or Roller	
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

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 White Roof Patch and Glass Fabric. Priming, using APOC® 300 or APOC® 337 is recommended. These products allow topcoat 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 30 days and up to 90 days depending on application. 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.

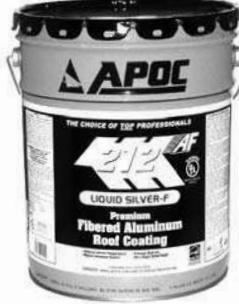
APPLICATION: Protective clothing and eyewear should be used during application of this product. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Temperatures must be above 50°F (for 24 hours) and rising, but not above 110°F. Mix coating and apply evenly using 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 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. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 48 HOURS.

NOTE: This product is not recommended for use on wood, 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.

CLEANUP: Clean tools with paint thinner or mineral spirits.

PRECAUTIONS: When transporting, ensure lid is tight and pail secured and upright. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. 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, AN EXPLOSION HAZARD. The manufacturer also disclaims liability for flat surface application where poor drainage or ponding or moisture may prevail. For exterior use only. Do not reuse empty container. Do not use in drinking water or food systems.

LIQUID-SILVER F™ PREMIUM FIBERED ALUMINUM ROOF COATING



FOR INDUSTRIAL AND COMMERCIAL USE ONLY
COMPLIANCE: ASTM 2824-Type III, UL CLASS A RATED File #R11333, METRO DADE APPROVED - ASBESTOS FREE. California products meet Los Angeles A.P.C.D. (Rule #102)

DESCRIPTION: APOC® 212 Liquid Silver F™ Premium Fibered

Aluminum Roof Coating is a true 2 lb., UL Rated, premium fibered aluminum coating. It is formulated to provide the brightest and longest lasting finish. The high content of aluminum in this product enables it to form a brilliant silver shield to reflect the sun's destructive rays. Coolings costs can be significantly reduced while 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.

COVERAGE RATE (may vary depending on texture of Surface): Built-up (roll roofing) 1 gal. per 75 sq. ft.; Smooth surface and Metal Roofing - 1 gal. per 75-100 sq. ft. Avoid foot traffic once applied. Apply to sound surfaces in good condition.

SPRAY INFO: 1000-2000 PSI, .055-.071 Tip Size, 3-6 GPM (topcoat), 2-4 GPM (BUR)

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	8.6-9.1 lbs.
Residue by Evaporation	60 min.
Reflectivity (ASTM C-523)	68% min.
Metallic Aluminum	12% min.
Combustible Solvents	Mineral Spirits
Consistency Brush or Roller	
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

SUNBRITE® EMULSION ALUMINUM ROOF COATING



COMPLIANCE: UL CLASS A RATED, File #R11333.

DESCRIPTION: APOC® 400 Sunbrite® Aluminum Emulsion is a premium UL Rated, highly reflective aluminum coating. This technologically advanced water based coating is extremely easy to mix, apply and clean up. Sunbrite's brilliant aluminum finish reflects the sun's rays to help lower interior temperatures and preserve roof surfaces. Sunbrite® can be applied

over virtually any type of roof and contains built-in rust inhibitors. As a water-based coating, Sunbrite is non-polluting, non-toxic and non-combustible. For brightest finish, Sunbrite should be spray applied and not brushed or rolled. DO NOT ALLOW PRODUCT TO FREEZE.

PREPARATION: All surfaces must be clean, have proper drainage and be free of surface rust and any other foreign matter. Roof surface may be damp (from morning dew), however surfaces may not be saturated with water. Brush clean all cracks, holes and damaged or rusted areas with a wire brush. Repair using APOC® 260 White Roof Patch and Glass Fabric. DO NOT HEAT OR THIN. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 36 HOURS.

FOR BEST RESULTS: Apply a prime coat of APOC® 300 or APOC® 337. Mix contents thoroughly. When buying multiple containers, it is recommended to match the batch codes on the lids to avoid shade variances.

APPLICATION: 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. Apply using professional airless sprayer, brush or 1/2" to 3/4" nap roller. Coverage rates per roofing square: Built-up Roofing - 1 1/2 to 2 gallons per square, Smooth Surfaces or Metal Roofing - 1 to 1 1/2 gallons per square. Coverage rates may vary depending on texture of surface. Ponding water dulls aluminum and may cause adhesion failure. Dries to the touch in 4-8 hours and fully cures in 24-48 hours @ 77°F & 50% relative humidity. Higher humidity, thicker films, poor air flow and lower temperatures will increase dry times.

Weight Per Gallon	9.0-9.5 lbs.
Residue by Evaporation, %	30 min.
Reflectivity (ASTM D2824, %)	50 min.
Combustible Solvents	N/A
Consistency Brush, Spray, Roller	
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 Waterbased	
Clean-up Tools	Wet:

Water and soap
Dry:
Paint Thinner

SPRAY INFO: 1000-2000 PSI, .041 to 0.61 Tip Size (depending on spray equipment), 3-6 GPM (topcoat), 2-4 GPM (BUR)

NOTE: This product is not recommended for use on wood, asphalt shingles or roofs with slopes less than 1% (or 1/8" per ft.). 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.

CLEAN-UP: Clean up with soap and water when wet. If dried, clean tools with paint thinner or mineral spirits.

PRECAUTIONS: 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. The manufacturer also disclaims liability for flat surface application where poor drainage or ponding of water may prevail. Do not reuse empty container. Dispose of in an environmentally acceptable manner. Keep closed when not in use. DO NOT store at temperatures above 110°F. ALUMINUM PIGMENT MAY PRODUCE HYDROGEN GAS, AN EXPLOSION HAZARD. Do not use in drinking water or food systems.



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5903 PARAMOUNT BLVD. LONG BEACH, CA 90805

1.800.562.5669