



400 SUNBRITE® ALUMINUM EMULSION COATING

TECHNICAL DATA SHEET



MIAMI-DADE COUNTY
APPROVED

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	9.0 lb.
Reflectivity (ASTM D2824, %)	50 min.
Combustible Solvents	N/A
Application Tool	Brush, Spray, Roller
Skin Time (50% Relative Humidity, 70 °F)	4 - 8 hours
Full Cure (50% Relative Humidity, 70 °F)	24 - 48 hours
Application Temperatures	55°F - 120°F
Spray Info	500-1000 PSI .040-.061 Tip Size 2.0 GPM

Approx. Shipping Weights:

(Note: All approx. weights include container)

5 gallons (18.9L)	47 lb.
55 gallon drum (208.2L)	550 lb.
275 gallon tote (1039.5L)	2,600 lb.

VOC: <100 g/L max. (regulatory)

DESCRIPTION:

APOC® 400 Sunbrite® Aluminum Emulsion Coating is a UL Rated, technologically advanced, high quality reflective coating that provides a tough layer of protection over roof surfaces. Sunbrite's brilliant aluminum finish reflects the sun's rays to help lower interior temperatures and preserve the roof's surface. This professional grade coating can be applied over virtually any type of roof surface. It contains built-in rust inhibitors and is easy to mix and apply. As a water-based coating, Sunbrite is non-polluting, non-toxic and non-combustible. Equipment can also be cleaned faster using water clean-up thus eliminating costly down time. DO NOT ALLOW PRODUCT TO FREEZE.

PREPARATION:

All surfaces must be clean, have proper drainage and be free of surface rust, dust and any other foreign matter. For surfaces previously coated with aluminum it is recommended to apply a prime coat of APOC®300 prior to coating with APOC®400. Brush clean all cracks, holes and damaged or rusted areas with a wire brush. Repair using APOC® 264 White Roof Patch and Glass or Polyester Fabric. DO NOT HEAT OR THIN. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 36 HOURS.

APPLICATION:

Mix contents thoroughly. When buying multiple containers, it is recommended to match the batch codes on the lids to avoid shade variances. On old or worn surfaces, apply a prime coat of APOC® 300. 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 55 °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 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 at 70°F & 50% relative humidity. Higher humidity, thicker films, poor air flow and lower temperatures will increase dry times. Night time moisture or dew during initial curing period will discolor and dull aluminum finish.

NOTE: This product is not recommended for use on wood or asphalt shingles. Ponding water dulls aluminum, and may cause adhesion failure between the coating and substrate.

COVERAGE RATE:

(May vary depending on texture of surface)

Built-up Roofing: 1.5 - 2.0 gal. per 100 sq. ft.

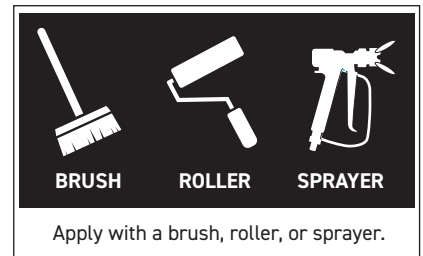
Smooth Surfaces or Metal Roofing: 1.0 - 1.5 gal. per 100 sq. ft.

CLEAN-UP:

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

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. Safety Data Sheets are available on the APOC website at www.apoc.com. You can also obtain a copy from your local APOC Distributor or APOC sales representative.



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400 **SUNBRITE® ALUMINUM EMULSION COATING**

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PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE
CLOTHING



GLOVES

WARRANTY & DISCLAIMER:

Register your warranty for extended warranty terms within 60 days of the completion of the project at 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.