



246 PREMIUM ELASTOMERIC WHITE ROOF COATING

TECHNICAL DATA SHEET



TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Solids Weight*	63%
Solids Volume*	47%
Pounds per Gallon	11 lb
Viscosity	120-125 KU
Elongation	275%
Tensile Strength	250 psi
Reflectivity	.87 (initial) .76 (3 year)
LEED Emissivity	.93 (initial)
CRRC Emissivity	.90 (initial) .90 (3 year)
LEED SRI	110
Permeability	< 10 perms
Adhesion to Polyurethane Foam	good
Skin Time <small>(50% Relative Humidity, 70°F)</small>	4 hours
Full Cure <small>(50% Relative Humidity, 70°F)</small>	24-36 hours
Flammability	N/A

NOTE: Percentages listed are + or - 5%

Approx. Shipping Weights:

(Note: All approx. weights include container)

1 gallons (3.1L)	10 lb.
5 gallons (18.9L)	50 lb.

VOC: <50 g/L (regulatory)

DESCRIPTION:

APOC 246 Premium Elastomeric White Roof Coating has excellent durability, flexibility and reflectivity and is siliconized for added water protection and adhesion. It is formulated with dirt pick-up resistance to stay brighter longer, for lasting reflectivity. Can be used on all roof slopes with positive drainage. Ideal for metal, aged mod-bit and built-up roofing, concrete and tile, aged TPO and EPDM, and over existing acrylic, asphalt emulsion and aluminum coatings. The age of the surface will determine if a primer, such as APOC 296 or comparable product, should be used. Test the area for adhesion prior to coating entire surface. Do not use on shingle roofs. APOC 246 meets performance requirements of ASTM D6083, Title 24 and is CRRC rated.

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. Always follow primer manufacturer's installation instructions. 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). Be certain all surfaces are thoroughly rinsed and dry prior to applying coating. Roofs must have proper drainage and not retain ponding water longer than 48 hours. Surfaces previously coated with aluminum, asphalt or tar should be allowed to cure for a minimum of one summer season prior to coating with this product. Do Not Thin.

PATCH:

Repair all leaks and cracks before applying any coating. Make repairs with APOC polyester reinforcing fabric, APOC Incredible® Fleece-Top Tape, or universal patching fabric and APOC 264 Elastomeric Roof Patch. Allow repair to cure according to product directions before application of roof coating.

APPLICATION:

Apply on a clear, warm sunny day. Temperatures must be above 60°F (12°C) for 24 hours and rising, but not above 110°F (43°C). Apply with a 3/4" nap exterior paint roller or professional airless sprayer. First, apply one coat over all seams and joints and allow to cure for one hour or until dry. Then, apply two (2) uniform coats, avoiding excessive rolling. Two coats are mandatory for all applications. Apply second coat perpendicular to first coat. Dries for recoat in 4-6 hours and fully cures in 24-36 hours at 70°F (21°C) & 50% relative humidity. DO NOT APPLY WHEN RAIN OR HEAVY DEW IS EXPECTED WITHIN 24 HOURS OF APPLICATION COMPLETION. Roofs must have proper drainage and not retain ponding water longer than 48 hours. Do not use on shingle roofs. Exterior use only.



SPRAY INFO:

2000 - 3000 PSI, .030 -.041 Tip Size, 1 - 3 GPM

COVERAGE RATE:

Approximately 90 sq. ft./gal. per a coat
All roofs require two coats for proper protection.

CLEAN-UP:

Soap and water.

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. Do not breathe mist/vapors/spray. Wear protective gloves, protective clothing, eye protection and face protection. Wash all exposed external body areas thoroughly after handling. KEEP OUT OF REACH OF CHILDREN. Contains limestone, clay, titanium dioxide and crystalline silica. If exposed or concerned get medical advice. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take off contaminated clothing and wash it before reuse. Store locked up. Dispose of contents/ container to authorized hazardous or special waste collection point and in accordance with applicable local/national/regional/international regulations. DO NOT HEAT OR THIN PRODUCT. SEE SAFETY DATA SHEET.

STORAGE & HANDLING PRECAUTIONS:

Do NOT allow packaged product to FREEZE. 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:

APOC warrants product to be free of material defects for a period of 12 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.