



576 PREMIUM SILICONE WHITE ROOF COATING

TECHNICAL DATA SHEET



TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Solids Weight	97 ± 3%
Solids Volume	97 ± 3%
Viscosity	7,000 cps
Pounds per Gallon	11.05 ± 0.5 lb.
Hiding Power	98.38%
Gloss	78.60%
Tensile Strength	250 psi
Tear Resistance	37 lb/linear ft
Reflectivity	90 ± 1%
Emissivity	0.90
SRI value	115
Permeability	3 perms
Water Absorbtion	0.1%
Elongation	315%

Approx. Shipping Weights:

(Note: All approx. weights include container)

1 gallon (3.4L)	10.6 lb.
5 gallons (18.9L)	51.1 lb.

VOC: <10 g/L (regulatory)

DESCRIPTION:

APOC® 576 Premium Silicone White Roof Coating is a 100% silicone, extremely reflective roof coating for flat roofs or areas where ponding water may occur. The high solids, low odor formula sets quick, will not crack and can be applied in a wide temperature range. Can be used on low slope roofs (1:12 pitch or less) and areas with ponding water on the following substrates: metal, aged mod-bit, built-up roofing, concrete, tile, aged TPO and EPDM, and over existing acrylic, asphalt emulsion and aluminum coatings. APOC 576 exceeds performance requirements of ASTM D6694, ASTM D7281, Title 24 and CRCC rated.

PREPARATION:

All surfaces must be clean, dry, have proper drainage and be free of surface rust, dust and any other foreign matter or debris. 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. Rusty metal must be cleaned with a wire brush and primed with APOC 291 Rust Inhibiting Primer or comparable product before application of this product. For applications over asphalt roof surfaces, APOC 583 primer or comparable product can be used as a base coat for stain blocking protection.

PATCH:

Repair all leaks and cracks before applying any coating. Make repairs with polyester reinforcing fabric or APOC Incredible® Fleece-Top Tape and APOC 581 Silicone Roof Patch. Allow repair to cure according to product directions before application of roof coating.

APPLICATION:

Mix well before applying. A power drill and mixing tool is ideal. Confirm all dew or moisture has completely dried from the roof before applying. Best applied on a clear, dry day with warming temps between 35°F (1°C) and 120°F (48°C) Use a quality, heavy duty 3/4" nap paint roller or professional airless sprayer. APOC 576 can be applied in 1 coat to surfaces in good condition. Recoat rough or damaged areas as needed during application. Rain safe in 15 minutes at 70°F (21°C) & 50% relative humidity.

BRUSH ROLLER SPRAYER

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

COVERAGE RATE:

Approximately 71 sq. ft./gal.

CLEAN-UP:

 Clean with Xylene

PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE
CLOTHING



GLOVES

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.

PRECAUTIONS:

Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors/spray. Use only outdoors or in a well-ventilated area. [In case of inadequate ventilation] wear respiratory protection. Wear protective gloves, protective clothing, eye protection and face protection. 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 petroleum distillates, sil(ox)anes, amines and limestone. If exposed or concerned get medical advice. IF INHALE Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor/physician/first aider. 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. Store in a well-ventilated place. Keep container tightly closed. 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.

WARRANTY AND DISCLAIMER:

APOC warrants product to be free of material defects for the lifetime of the existing roof, assuming it is in sound condition, 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.