



TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	8.5-10.0 lb.
Application Temperatures	20°F - 120°F

Approx. Shipping Weights:

(Note: All approx. weights include container)

10 fl. oz tubes (296mL)	1 lb.
1 gallon (3.8L)	9 lb.
3 gallons (11.4L)	27 lb.
5 gallons (18.9L)	44 lb.

VOC: 250 g/L (regulatory)

DESCRIPTION:

APOC® 109 Asphalt Roof Cement is a durable, all-weather, long-lasting leak-repair designed to be applied in wet or dry applications such as: patching splits, cracks and seams in spudded gravel, mineral surfaced cap sheet and smooth surface asphalt roofs, as well as composition shingle roofs. APOC 109 can also be used in vertical applications and will not sag. It can be used for sealing around chimneys, vent pipes, gravel guards, down spouts, cracks in concrete and more. APOC 109 is also an excellent utility mastic for use below grade in heavy duty foundation waterproofing and dampproofing systems. APOC 109 exceeds performance requirements of ASTM D3409 and ASTM D4586, TYPE I and is Miami-Dade County Product Control Approved.

PREPARATION:

All surfaces must be clean and free of surface rust, dust and any other foreign matter or debris. Not for use on single ply membranes.

APPLICATION:

For easier application, apply when surface temperatures are between 20°F (-6°C) and 120°F (48°C). 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. Apply with a trowel or putty knife. Work material to an even consistency over and into the area to be repaired. Apply cement 1/8" thick, two or three inches beyond the problem area. Next, reinforce the repair by embedding a layer of APOC reinforcing fabric into the repair. Brush fabric into cement ensuring it is fully saturated from the bottom side up. Finally, cover the fabric with an additional layer of cement. Form a feathered edge with cement where chimneys, vent pipes and other projections meet the roof line. May be coated with a reflective coating after a min 60 day cure time.



COVERAGE RATE:

Approximately 12.5 sq. ft. /gal. @ 1/8 in.

CLEAN-UP:

Tools are best cleaned with xylene, but paint thinner, mineral spirits or a citrus degreaser may also be used.

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 bitumen, white spirits, crystalline silica, titanium dioxide 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

PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE CLOTHING



GLOVES

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. WARNING! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Hazardous dust may be formed when sanded. Do not breathe dust. Use adequate ventilation.

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.