



FBC Chemical Corp.
Asphalt Products Division

P.O. Box 599
634 Route 228
Mars, PA 16046
(724) 625-3116

COOL COAT ALUMINUM ROOF COATING

Item Number: 81800

PRODUCT DESCRIPTION: This time-proven aluminum roof coating contains high-grade aluminum flakes blended with tough water-resistant petroleum asphalt and reinforced with cellulose fibers. It will fill and seal small nail holes and hairline cracks, thus providing a leakproof roof. It is flexible and durable to give long service. The aluminum seals in the natural oils, keeping the asphalt paint. The underside of an aluminum roof may be 15"-20" lower than the underside of an equivalent black asphalt roof. The heat loss for aluminized asphalt is 27%. Similar coatings without aluminum pigment lose 55%.

RECOMMENDED FOR: Protecting, preserving, and beautifying all types of composition, built-up, felt, and masonry roofing. The aluminum pigmented asphalt base penetrates into the porous material, sealing and preserving it. Metal roofs (tin, steel, corrugated iron, etc.) – This coating adheres tightly to clean metal surfaces, shuts out weather, resists rust, and reflects the sun's heat. Exterior wall of cement or cement block.

NOT RECOMMENDED FOR: Wood shingles, tar roofs, dead level or low melting point asphalt roofs.

DIRECTIONS: 1. Roof surface must be absolutely DRY. 2. Sweep the roof clean, using a stiff broom or brush. All loose material – gravel, dirt, dust, rust, scale, and loose film – must be removed or the coating will not form a continuous tight bond. 3. Fill breaks, cracks, and holes with Plastic Roof Cement. Badly damaged roofs or large cracks and tears should be patched with roll roofing or fiberglass mesh held in place with Plastic Roof Cement. If the roof is severely weathered and dried out, black Roofing Primer or Non-Fibred Roof Coating should be applied to resaturate the roof felts. Allow Roof Primer or Coating at least 30 days to dry before apply Aluminum Roof Coating. 4. MIX THOROUGHLY BEFORE USING. While applying, stir occasionally. 5. DO NOT HEAT OR THIN. Apply directly from container using standard roofing brush, squeegee or large conventional paint brush. Apply coating at the coverage recommended.



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COVERAGE: For best results, use 2-2 ½ gallons per 100 square feet on composition, felt, built-up, and cement roofs. Use 2 gallons per 100 square feet on metal roofs. Use Mineral Spirits to clean tools. Dries in 24 hours at 77 F.

CAUTIONS: COMBUSTIBLE. Keep away from open flame
KEEP OUT REACH OF CHILDREN

SPECIFICATIONS:

Flash Point.....	100 F min.
Viscosity at 80 F (ASTM D217).....	330-360
% of Specially Compounded Bitumen.....	27% min.
Type of Aluminum Paste.....	Class B
Film thickness of 1gal/100 sq. ft.....	8 mils
(less absorption by surface)	
Service temperature, extended exposure.....	-40 F-180 F
Elongation, cured coating.....	14% min.
Resistance to oils & solvents.....	Poor
Resistance to chemicals.....	Poor
Water resistance under good.....	Excellent
drainage conditions	
Weight per gallon.....	9.0 lbs./gallon
Non-volatile.....	60% min.
% of specially polished Aluminum.....	
leafing paste	
% of total solids by volume.....	
50% min.	
Drying time.....	24 hours
Tensile strength, cured coating.....	120 psi
Flexibility 1" Mandrell @ 32 F.....	Bends 25 times without
cracking	
Resistance to Sunlight.....	Excellent
Effect of weathering.....	Slow Erosion
Water resistance under.....	Poor-Fair
continuous submersion	

Meets Specification ASTM D2824, Type 3 for Fibrated Aluminum
Pigmented Asphalt Roof Coatings, containing no asbestos fiber.

SHIPPING WEIGHTS: 55 Gallon = 460#, 5 Gallon = 44#, 1 Gallon = 9.4#