



ASPHALT EMULSION FIBERED ROOF COATING

(PRODUCT # 82050)

DESCRIPTION: #82050 is an asphalt based colloidal clay emulsion coating. It produces a tough, tight film providing strength and excellent water resistance. Asphalt Emulsion Fibered Roof Coating is supplied in a semi-paste consistency, which is easily brushed or sprayed. The applied film produces a “breather” type film which permits water vapor to escape while remaining resistant to water penetration. This characteristic allows application over damp surfaces and helps prevent blistering.

USES: Recommended as a protective coating for use on Built-up, Felt, Metal, Concrete or Masonry roofs. Product #82050 is excellent for embedding fiberglass, polyester, cotton or other reinforcing membranes providing an economical protective roofing system. Also may be used for damproofing below grade exterior foundations. It may be applied to damp or “green” concrete foundations where solvent based coating may blister or lack adhesion.

PREPARATION: Surfaces to be coated must be cleaned thoroughly of all loose mortar, rust, oil, grease and debris. Repair all large cracks or breaks with Plastic Roof Cement. Dried out roofing felts should be primed by diluting Asphalt Emulsion Fibered Roof Coating 25% with water and coating felts. The roof surface may be damp but all “puddled” water should be removed.

APPLICATION: Do not apply if rain or frost is forecast within 24 hours. Temperature should be 45 F and rising. Stir material in container to uniform consistency. The material may appear brown in the container but will dry to a rich, black finish. Apply coating with a soft bristled roofing brush at a rate not less than 2 ½ - 4 gallons per 100 square feet. Care should be taken to work the material into the roof surface ensuring that the entire roof surface. Finish strokes should be in one direction for best appearance.

When using a reinforcement membrane, work in sections, applying the coating at a rate of 3 gallons per 100 square feet. Coating application should extend a minimum of 4 inches beyond the membrane edge. Embed the membrane into the coating while still wet brushing firmly to remove wrinkles. When overlapping membrane, allow a 4-inch overlap at seams and 6-inches on lap ends. Upon drying, apply topcoat at a rate of 2-3 gallons per 100 square feet.

OPTIONAL: This roof system may be top coated with Aluminum Roof Coating after curing a minimum of 3-5 days. The advantages of an aluminum topcoat are twofold: 1) the asphalt base coat is protected from the sun's ultra violet rays. This will increase the life cycle of the roof system. 2) The use of an aluminum roof coating will reflect the rays of the sun reducing the temperature of the underside of the roof by 15-20%.

COVERAGE RATE: 2 ½ - 4 gallons per 100 square feet. The coverage rate will vary based upon porosity and texture of the substrate.

SPECIFICATIONS: ASTM D 1227, Type II, Class 1
SS-R-1781 (Meets specification except #82050 is asbestos free)
MIL-R-3472A (Meets specification except #82050 is asbestos free)

CAUTION: Do not apply when rain or frost is forecast within 24 hours. Temperature should be 50 F and rising. **PROTECT FROM FREEZING!** Consult the labeled instructions and Material Safety Data Sheet for specific safety and handling instructions.

CLEAN UP: All equipment may be cleaned immediately after use with soap & warm water. Dried material may be cleaned with mineral spirits.

PACKAGING: 55-gallon drums (480 lbs.)
5-gallon pail (45 lbs.)

PHYSICAL PROPERTIES:

- *Weight per Gallon: 8.5 lbs.
- *Solids by Weight: 50-54% nominal
- *Solids by Volume: 52-56% nominal
- *Appearance: Wet film-Chocolate Brown
Dry film-Black
- *Cure Time: 24-48 hours @ 77 F and 50% Relative Humidity