



**FBC Chemical Corp.**  
**Asphalt Products Division**

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

**Asphalt Emulsion Roof & Foundation Coating**

Item Number: 82900

**DESCRIPTION:** Asphalt Emulsion Roof & Foundation Coating is an asphalt-based, clay emulsion which produces a tight film that provides excellent water resistance. This coating has a semi-paste consistency, which is easily brushed or sprayed. The applied film is a “breather type” which permits water vapor to escape while curing. This allows application over “green” or damp surfaces and helps prevent blistering. The dried film cures to a tough, durable, flexible finish to contend with extreme changes in temperature and vibration. It has no odor and will not support combustion in the liquid state.

**USE:** Roof- May be used on Asphalt Built-up, Felt, Metal, Concrete or Masonry Roofs. Product # 8290 is excellent for embedding fiberglass or polyester reinforcing membranes. This coating produces a layer of asphalt that will protect, waterproofs and rejuvenates the underlying roof deck and felts.

Foundation- Product #8290 is a vapor retarder used as a protective coating against dampness on exterior walls of concrete, metal and wood. It is also widely used on the exterior face of interior walls in cavity wall construction. It may be used above or below grade and may be used in conjunction with Polystyrene Insulation or Protection Board.

**PREPARATION:** Roof- Surface to be coated must be cleaned thoroughly of all loose mortar, rust, oil and other foreign material which would inhibit adhesion. Dried out roofing felts should be primed with a solvent-based primer or Product #8290 cut 20% with water. Repair all large cracks and blisters with Plastic Roof Cement and reinforcing membrane. The roof may be damp but ponded or “puddle” water should be removed.

Foundation- Surface should be free of oil, grease, dirt and other materials which would inhibit adhesion. Repair cracks and holes with Foundation Mastic or Roof Cement incorporating reinforcing membrane. Dry surfaces may be dampened prior to application.

**APPLICATION:** Roof & Foundation- Product #8290 is easily applied by soft bristled roofing brush, medium nap roller or spray equipment. Apply coating at a rate of 2-3 gallons per 100 square feet. If a reinforcing membrane is used, embed membrane while coating is still wet, brushing firmly to remove wrinkles and



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working coating through mesh. Overlap edges of the membrane 6-8 inches. If top-coating or applying a second coat allow first coat to dry and apply final coat at rate of 2-3 gallons per 100 square feet.

Foundation Notes: Allow the film to cure a minimum of 24-48 hours prior to backfilling. Care should be taken when backfilling not to puncture or damage the coating. A protection board is recommended and backfilling should take place within 7 days. When using Product #8290 as an adhesive for polystyrene insulation or protection board, apply the coating in 4-inch diameter dabs directly to the insulation and immediately press into place.

**CAUTION:** Do not apply when rain or frost is forecast within 24 hours. Temperatures should be 45 F and rising. Coating must be cured before exposure to water.  
**PROTECT FROM FREEZING!** Consult the labeled instructions and Material Safety Data Sheet for specific safety instructions.

**SPECIFICATIONS:** ASTM D-1187, Type II  
ASTM D-1227, Type III  
SS-R-1781  
MIL-R-3472A

**COVERAGE RATE:** 2-3 gallons per 100 square feet

**PACKAGING:** 55-gallon drum (480#), 5-gallon pails (45#), 1-gallon cans (9#)

**CLEAN UP:** All equipment may be cleaned immediately after use with soap and water. Dried material may be cleaned with mineral spirits. Take precautions when handling combustible material.

**PHYSICAL PROPERTIES:**

Weight per Gallon: 8.5- 8.6 lbs.

Solids by Weight: 54% (Nominal)

Solids by Volume: 56% (Nominal)

Appearance: Wet film- Chocolate Brown, Dry film- Black

Permeance: 0.5-meter perms

Cure Time: 24-48 hrs @ 77 F and 50% Relative Humidity