



FlexShield

#129 Elastomeric Emulsion

Product Information and Technical Data

#129 Elastomeric Asphalt Emulsion is a rubberized roof coating that can be applied over virtually any type of roof surface. This professional grade, watertight coating forms a seamless barrier that will withstand water. Its elastomeric properties and superior bonding ability produce an outstanding base coat of protection for almost any roof condition. #129 actually expands and contracts with the roof's surface to resist peeling, cracking and checking. It can be applied to modified bitumen, built-up, asphalt, shingles, metal, concrete and even old tar roof surfaces. Roofs coated with #129 form an excellent base for all GlobalShield reflective coatings.

Preparation

All surfaces must be clean, have proper drainage and be free of surface rust and any other foreign matter. Roof surface may be damp (from morning dew), however surfaces may not be saturated with water. Brush-clean all cracks, holes and damaged or rusted areas using wire brush. Make repair using GlobalShield polyester reinforcement and #129.

For best results, reinforce coating using polyester fabric or chopped glass fibers. Once cured, apply #310 Bright White Elastomeric Roof Coating or #202 Aluminum Emulsion. This will greatly extend the life of the roof.

Application

Protective clothing and eyewear should be used during application of this product. Always apply on a clear, warm sunny day. Apply during morning hours to allow maximum curing. Temperatures must be above 50°F and rising, but not above 110°F. Apply using professional airless sprayer, brush or ½" to ¾" nap roller. Covers approximately 50-75 s.f. per gallon. Two coats are recommended. Allow 4-8 hours between coats. Coverage rates may vary depending on texture of surface.

Spray Info: 500-1000 psi., 0.055 Tip Size, 3-6 GPM (topcoat), 2-4 GPM (BUR)

Precautions: Do not store at temperatures below 50°F. Keep closed when not in use. When transporting this product, ensure that lid is tight and pail secured. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. The manufacturer also disclaims liability for flat surface application where poor drainage or ponding of water may prevail. Do not reuse empty containers. Dispose of by an environmentally acceptable manner.

Physical Characteristics

Elongation	110-150%
Tensile Strength	150-200 psi.
Adhesion to Polyurethane Foam	Excellent
Weight per gallon	8.4-8.9 lbs.
Color	Black
Residue by Evaporation	46% min.
Combustible Solvents	None
Consistency	Spray or Brush
Cure Time	4-8 hours to set 24-48 hrs. to cure
Application Temperatures	50°F to 120°F
Flammability	None
Clean up Tools	Warm water and soap
Approximate Shipping Weights	5 gallon pails – 45 lbs. 55 gallon drums – 513 lbs.

Cautions: Harmful or fatal if swallowed. Keep out of reach of children. Call physician in case of Ingestion – Drink water, induce vomiting. Eye contact: Flush with plenty of warm water. Skin contact: Wash thoroughly with soap and water. Irregular or stopped breathing: Administer oxygen, give artificial respiration. Get immediate medical attention Avoid prolonged breathing of vapors or spray mist. (NIOSH/MSHA TC 23C or equivalent).

Availability and Costs:

Availability: Products are immediately available from GlobalShield, Inc. throughout the United States.

Cost: Cost data is available from your local GlobalShield representative.

Technical Services: GlobalShield Technical Services Department provides problem analysis and assistance in developing recommendations for special applications. Warranty systems require inspection by GlobalShield prior to installation. Progress and final inspections are also required.

Statement of Policy and Responsibility:

GlobalShield takes responsibility for the furnishing of quality materials, and providing specifications and recommendations for their proper installation. GlobalShield does not, either itself or through its representative, practice architecture or engineering. GlobalShield offers no opinion on and expressly disclaims any responsibility for the structural soundness of any roof deck on which its products may be applied. Opinions of competent structural engineers should be obtained by the owner as to the structural soundness of the roof deck and its ability to properly support the contemplated roof installation. GlobalShield accepts no liability for any failure of the roof deck or resultant damages and no GlobalShield representative is authorized to vary this disclaimer.

