



#500 SEALER EMULSION

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

E-las-tek® #500 Sealer Emulsion is thick, paste-like, black coating containing refined asphalt, bentonite clay, and emulsifiers in an emulsion form for use with E-las-tek elastomeric coatings.

- Designed for use as a maintenance coating and final seal coating on cold-process roofing before top coating
- Resistant to mud-cracking and drying problems.
- Good breathing properties

When applied to recommended thickness, *Sealer Emulsion* is highly resistant to ponding water and severe moisture conditions.

- Can be used in scupper areas, around drains and valleys, and in low areas expected to trap water
- Will not re-emulsify in ponding water
- Cures to a firm, durable, flexible emulsion
- Strengthens most roofing materials

TYPICAL USES:

- In place of standard asphalt emulsion when greater durability, flexibility and water resistance are desired
- On roofs, E-las-tek® #500 Sealer Emulsion should be coated with E-las-tek top coatings to protect from sun damage.
- Typically will not discolor white top coat
- May be used over existing asphalt roofing, metal, concrete or masonry
- May be used as saturant for roofing fabric

SURFACE PREPARATION:

- Surface must be cleaned with water and TSP, wire brush, or power-cleaned.
- All surface dirt, scales, loose mortar, rust, grease, and oils must be removed.
- Repair all cracks, tears, seams, and gaps with appropriate patching material

For best results, prime concrete and masonry, wood, metals, and badly dried asphalt with an asphalt primer and allow to dry.

APPLICATION:

Material should be stirred in the container prior to application. Surface may be damp but with no standing water. Apply only in good weather when ambient temperatures exceed 50°F and no rain, dew, or frost is expected for 24 hours. Direct sun speeds drying. Apply with roller, roof brush, or spray at the rate of 2 gallons per 100 sq. ft. per coat, two or more coats required where maximum water protection is desired. Allow first coat to dry thoroughly before recoating.

Allow to cure until dry before walking on or recoating. In cool weather or humid conditions, curing may take two or more weeks. Delay priming and top coating until emulsion has fully cured and washed to remove surface contaminants and oils. Drying time is dependent on thickness of application, temperature, humidity, and air movement. Emulsion coating should feel hard to the touch (not sticky) before priming and top coating.

REFLECTIVE TOP COATING:

E-las-tek® #500 Sealer Emulsion is not a top coating and should be protected from UV radiation.

Prior to installing a Elastek Reflective coating prime the cured and rinsed Elastek #500 emulsion application with Elastek #121 High-Tek Basecoat. Use in conjunction with an E-las-tek® reflective coatings.

SPECIFICATIONS:

- Solids by volume – 49%
- VOC < 1 g/L (EPA test Method 24)
- Meets ASTM D-1227-82 Type IV
- Shelf Stability: 12 months

STORAGE:

Keep E-las-tek® #500 Sealer Emulsion containers tightly sealed and protected against high temperatures. This product will freeze and should not be stored below 35°F (2°C).

SAFETY:

Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wear protective goggles, gloves, and clothing. Avoid prolonged breathing of vapors. Use with adequate ventilation. Do not take internally. Store and use away from heat. Close container tightly after each use. Do not transfer to unlabeled or breakable containers. Use only for purposes intended.

KEEP OUT OF REACH OF CHILDREN.

EFFECTS OF OVEREXPOSURE:

Contact with eyes or prolonged or repeated contact with skin can cause irritation and inflammation. Prolonged breathing of vapors can cause respiratory difficulty, dizziness, headache, nausea, irritation of nose or throat, drowsiness, blurred vision, and coma. Ingestion can expose person to an order of oral toxicity; aspiration into lungs can cause serious injury or death.

FIRST AID PROCEDURES:

Eye Contact: Flush with water for 15 minutes. If redness persists, seek medical attention immediately.

Skin Contact: Wash with soap and water after wiping off excess material.

If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. If breathing difficulty persists, give oxygen or resuscitate and SEEK MEDICAL ATTENTION IMMEDIATELY.

Ingestion: Induce vomiting. As vomiting occurs, keep head below hips to prevent aspiration. SEEK MEDICAL ATTENTION IMMEDIATELY

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