



#505  
Puddle Plaster™

## RUBBERIZED PUDDLE-FILLER EMULSION

### PRODUCT DESCRIPTION

**E-las-tek #505 Puddle Plaster™** is a thick, paste-like, black reinforced coating containing rubberized-asphalt emulsion, fiberglass, and a thick, lightweight filler. *Puddle Plaster* is designed for use as a non-permanent means of reducing the depth of roof depressions, thereby reducing the potential for ponding water.

Reinforcing fiberglass fibers strengthen the coating, and allow thicker applications. In cases of serious roof water ponding, the elimination of such ponds through proper roofing practice is always preferable to using *Puddle Plaster*.

*Puddle Plaster* can be used in scupper areas, around drains and valleys, and in low areas expected to trap water. It can be used to create dams to divert water from behind chimneys or other roof penetrations. It will not re-emulsify in ponding water. Once cured and top-coated, this emulsion is firm, durable, and flexible. *Puddle Plaster* is not elastomeric.

*Puddle Plaster* should be coated with **E-las-tek #500 Sealer Emulsion** or an **E-las-tek** topcoat to fill any pinholes and to protect from sun damage.

- Usually will not discolor white topcoat
- May be used over most existing asphalt roofing
- May become soft in hot weather unless topcoated with reflective coating
- Outstanding resistance to oxidation and aging
- May be used on asphalt built-up, granulated, modified bitumen, and metal roofs

### SURFACE PREPARATION

*Puddle Plaster* is a filler, not a patching material. Always repair leaks before applying.

All surfaces must be thoroughly cleaned to remove oils, gravel, granules, loose coating, chalk, dirt, rust, corrosion, efflorescence, bond-breakers, and mildew to assure coating adhesion and minimize asphalt bleed. Rust/corrosion may require wire brush, scraping, or sandblasting, plus a coat of commercial rust-preventive primer.

Surfaces affording poor adhesion should be pre-coated with **#500 Sealer Emulsion**.

### APPLICATION

Apply only in good weather when temperatures exceed 50°F and no rain, dew, or frost is expected for 48 hours. Direct sun speeds drying. Apply with trowel or straight-edged tool at rate not to exceed 0.5 inches per application.

- Material is very thick and will require smoothing.
- Expect some mud-cracking on thick applications. Touch-up as needed.
- Surface will be a bit rough.
- Dampen trowel to reduce sticking; smooth surface.
- Use **#500 Sealer Emulsion** or topcoat to smooth and seal surface when dry.

- Allow to cure a minimum of 7 days before coating.
- Normally, it is not necessary or practical to eliminate all water ponding. Reducing the size and depth of a pond reduces the time standing water remains on the roof.

### COVERAGE

5 gallons will cover an area approximately 4 ft x 4 ft, 1/2 inch-deep wet. Material will dry to about 3/8 inch. *Puddle Plaster* is not intended to cover large areas.

### REFLECTIVE TOP COATING

**E-las-tek Puddle Plaster** is not a top coating and must be weather-sealed with an **E-las-tek** reflective topcoat.

### SPECIFICATIONS

Solids by volume exceed 50%.

### STORAGE

Keep Puddle Plaster containers tightly sealed and protected against high temperatures. This product will freeze and should not be stored below 35°F (2°C). Storage beyond six months may cause the product to thicken. In such cases, the product should be diluted with clean potable water at a rate not to exceed one part water to six parts coating (1:6). Dilute slowly and mix thoroughly, adding only enough water to permit application at the proper coverage rate. Mechanical mixing is highly recommended. The product should NOT be diluted beyond the maximum dilution rate of 1:6 as this will affect product performance.

### SAFETY PRECAUTIONS

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.**

Consult Material Safety Data Sheet (MSDS) for this product.

SUGGESTIONS FOR USING PUDDLE PLASTER

1. Use an old cement trowel, a plastic trowel, or dry wall knife for spreading the material. A 5-gallon pail of water is useful for dampening the trowel surface and soaking tools when the job is done.
2. Use a trowel or spatula to remove *Puddle Plaster* from the can. Put a working amount on the roof before beginning to spread.
  - *Puddle Plaster* sets up quickly. Start at one end and move methodically to the other end. Always work to the wet edge.
  - Don't over work. Smooth surface will be disrupted if troweled

after setup begins.

- Dampen trowel for smoothest surface. *Puddle Plaster* is never very smooth.
3. Grade and smooth the application so ponding water moves where you want it.
  4. Some surface pitting is likely. Coat with #500 *Sealer Emulsion* or **E•las•tek** topcoats to seal and smooth.

*Data provided here is based on our best knowledge at time of printing and is subject to change. E•las•tek offers coatings to fill or coat ponding areas and to handle difficult substrates. For most current information check our website: [www.elastek.com](http://www.elastek.com); or contact us at [coatings@elastek.com](mailto:coatings@elastek.com) or 877-352-7835.*