



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-300-T

P/N: 050-0010

For Professional Use Only

PRODUCT DESCRIPTION:

ERS-300-T is a select blend of refined coal tar pitch, aromatic solvents, non-asbestos fibers and fillers, and wet adhesion surfactants that is designed for compatibility with coal tar pitch roofing and waterproofing systems.

RECOMMENDED USES:

ERS-300-T is a cold applied adhesive/cement for use with coal tar pitch BUR and waterproofing. It can be used as a tie-off for the end of the day's work and to repair bare spots, blisters, ruptures and splits. It can also be used in pitch pockets and to seal around skylights, vent pipes or other roof projections.

ADVANTAGES:

- Highly resistant to chemical and ultraviolet attack
- Ideal for emergency roof repairs, since it can be applied under standing water and is ponding water resistant
- Meets current VOC requirements
- Non-Asbestos
- Cold applied with a trowel and cures to a tough, durable protective barrier
- Meets ASTM D 5643

INSTALLATION: Ready to apply. Do not heat. Do not thin.

In cold weather, store product at 70-80° F for 24 hours prior to application or use an OSHA approved pail/drum heater.

Surface Preparation: All surfaces must be clean, free of heavy dirt, dust, debris, oils, loose gravel, unadhered coatings, as well as loose, scaling rust, deteriorated membranes, and other contaminants that may result in a surface that is not sound. Surface must be free of frost, snow and ice. Aggregate must be removed by spudding to provide a proper work surface. Fasteners must be repaired and/or replaced as needed. If a primer is desired, use ERS-Tar Primer.

Application: Trowel a layer of cement, approximately 1/8" to 1/4" thick onto the prepared surface. If making a repair, extend the cement four inches beyond the affected area. Embed reinforcing fabric/membrane into the wet cement, using sufficient force to ensure adequate contact/wetting. Conform the fabric/membrane to the surface. Do not allow the fabric/membrane to bridge the surface or "fish mouth". On repairs, surface the repair area with another layer of cement, 1/8 to 1/4 inch thick.

Clean-Up: Immediately rinse/flush equipment and tools with an OSHA approved aromatic solvent after use, exercising all flammable liquid precautions. Use waterless hand cleaner on skin.

PACKAGING:

ERS-300-T is available in 5 gallon (18.9 liter) pails.

PRECAUTIONS:

- **DO NOT** use with or on 100% rubber or plastic substrates.
- **DO NOT** use on or with products containing asphalt.
- **DO NOT** use where this product may come in contact with potable water.
- **DO NOT THIN.**
- **EXTERIOR USE ONLY.**

PHYSICAL PROPERTIES:

| Property | Test Method | Result |
|--------------------------|----------------|-------------------|
| Wt./gal, lbs. | ASTM D 6511 | 9.3 – 9.8 |
| Solids, % by wt. | ASTM D 6511 | 85 – 90 |
| % by vol. | | 80 – 85 |
| Viscosity, grams | Brookfield | 1 – 1.5 MM |
| pH | | N/A |
| Flash Point, °F | PMCC | 105 min. |
| Color, uncured and cured | Visual | Black |
| Drying time, Touch | 70°F/50% R.H. | 8 hours |
| Shelf Life | 70°F/50% R.H. | 1 year |
| VOC | EPA Method 24A | 200 gm/liter max. |

Ecology Roof Systems®

Corporate Offices

9821 Olde Eight Road, Unit F, Northfield, OH 44067

PHONE: 330-467-4220 FAX: 330-467-4225

www.ecologyroof.com

REGIONAL OFFICES LOCATED ACROSS THE U.S.

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Ecology Roof Systems to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by Ecology Roof Systems. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY ECOLOGY ROOF SYSTEMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.