



ERS-200-F

P/N: 020-0010
020-0011

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-200-N is a mineral stabilized, solvent-free, colloidal asphalt emulsion roof coating fortified with a blend of non-asbestos fibers. Manufactured from specially selected, finely dispersed asphalts, the smooth flowing product cures to a durable roof surface flexible enough to withstand changes in weather. It fills and bridges hairline cracks and alligators as it is applied and can be used with polyester and other reinforcing fabric to provide a premium cold process roof surface. Used in this way, it makes an excellent foundation for a finish coat of aluminum reflective coating. Meets all requirements of ASTM-D-1227-87, Type III.

RECOMMENDED USES:

- A weatherproof surface coating for smooth surface built up of composition roofs.
- A weatherproof surface coating for metal roofs.
- A damp proofing coating for concrete and masonry surfaces.

ADVANTAGES:

- Can be used with polyester or glass fabric for a high quality cold process roof surface.
- Contains no solvents and has no solvent odor.
- Easier to apply than solvent based fibered coatings.
- Adheres naturally to damp surfaces.

INSTALLATION:

Coverage: Product yield to achieve desired rate will be from 2-1/2 to 4 gallons per 100 square feet per coat. The yield varies according to the existing surface texture. As a general rule, the smoother the surface, the less material is required. Recommended application rate is 24 to 56 mils wet film thickness which will produce 12 to 28 mils dry.

Surface Preparation: Remove all dirt, dust, debris, and standing water by brooming, and by forced air where necessary and where no danger or nuisance is caused to areas adjacent to work. All loose gravel must be removed from ballasted roofs. Scrape back to a hard edge all loose or scaled coating. Make all necessary repairs to existing surface prior to coating. Split seams, blisters, and cracks in existing surface should be repaired with ERS-300 (specify Summer Grade, SG, or Winter Grade, WG). Heavily weathered asphalt, oxidized metal and all concrete surfaces should first receive an application of Ecology's ERS-301 Primer. Standing water must be removed, but the coating may be applied to a damp surface.

Application: Apply by spray with a standard mastic pump, and gun, sized by a knowledgeable pump dealer for the particular application, or by pouring directly from the container, and spreading with a standard roofing brush. Be sure to spread product evenly and brush smooth before product begins to set. Can be applied in one or two coats at the rate of 2-1/2 to 3-1/2 gallons per 100 square feet, per coat. For application with glass or polyester fabric, simply roll fabric onto the freshly applied first coat. Brush out wrinkles and allow to set for one hour. Apply second coat, and brush smooth. Clean up with water. Use mineral spirits if product has dried.

Drying time: Four to eight hours at 70°F, & 50% relative humidity. Allow 7 to 14 days before exposure to foot traffic.

APPROVALS:



LIMITATIONS:

- Do not use in high humidity or when rain is imminent or forecast. Until thoroughly set, the product can be washed off by rain.
- Do not use with PVC film.
- Do not use where material, once applied, may come into contact with potable water.
- Not for use on or with products containing coal tar.
- Do not use on slate shingles or apply directly to wood surfaces.
- Surfaces to be coated may be dry or damp. Surface must remain dry for 24 to 48 hours after application.
- Not for use over rubber or plastic membranes – asphalt modified only.
- For exterior use only. Protect from freezing. The product is irreparably damaged by freezing.

PRECAUTIONS:

Avoid repeated or prolonged contact with skin. If swallowed, do not induce vomiting. Contact Physician immediately. Keep container closed when not in use. **KEEP AWAY FROM CHILDREN.** Product label and Material Safety Data Sheet contain further information on the safe use of this product and precautions for the safe disposal of the container. They should be read and understood prior to use.

PHYSICAL PROPERTIES:

Property	Typical Value
Solids by Weight	51%
Solids by Volume	52.5%
Weight Per Gallon	8.5 lbs
Flash Point	N/A
pH	7.5
Viscosity at 77°F	50,000 cps
Long-Term Service Temperature	-50°F to +160°F
Water Resistance (Intermittent Exposure)	Good
Water Resistance (Ponded)	Poor
Solvent Resistance	Poor
U.V. Resistance	Fair

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