



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-308

P/N: 020-0030
020-0031

For Professional Use Only

PRODUCT DESCRIPTION:

ERS-308 is a highly reflective, leaching, asphalt-based paint that provided ultraviolet light resistance and weather protection to a variety of surfaces. ERS-308 is formulated with paint quality aluminum pigments for maximum reflectivity.

RECOMMENDED USES:

ERS-308 can be used as a reflective and protective surface over aged, smooth asphalt roof systems or flashings. It can also be used as a topcoat for cured asphalt emulsion applications. It is suitable for use on air ducts and roof mounted equipment as a weathering reflective surface. It is not recommended for use over new cold-applied modified bitumen membranes.

ADVANTAGES:

- Contains no asbestos
- Formulated with paint quality pigments – providing exceptional reflectivity
- Good weatherability
- Excellent adhesion
- Meets or exceeds ASTM D 2824, Type I requirements
- Classified by Underwriters Laboratories, Inc.® as to an external fire exposure.
- Approved by the Miami Dade County Building Code Compliance Department and Building Code
- Saves energy by reducing roof temperatures
- Extends life cycle of surfaces by slowing UV degradation

APPROVALS:



INSTALLATION: Do Not Thin!

Surface Preparation: All surfaces should be swept clean prior to application. All blisters, breaks and other membrane deficiencies should be repaired. Asphalt repairs will need to age 30 – 90 days to avoid bleed-through. All metal surfaces must be cleaned of all dust, dirt, and rust scale. Prime all aged surfaces with ERS-301 or ERS-Clear Primer that is VOC compliant within particular state for best results. Allow all primer to dry thoroughly before applying coating. When aluminizing SBS or SEBS granulated modified sheets, first apply ERS-200-N at 1.5 gallons/square and allow to dry 30 days before applying ERS-308.

Application: ERS-308 requires thorough mixing prior to application to uniformly blend asphalt with aluminum pigment. The use of low speed power equipment or industrial paint shakers is recommended. Apply material with brush or short to medium nap roller. Stir frequently. Spraying is not recommended due to risk of overspray. When using rollers, paint pans are recommended. Two coats of ERS-308 are required. The first coat must be thoroughly cured and allowed to dry before applying the second coat. The second coat must be applied perpendicular to the first coat.

COVERAGE:

Approximately 350 – 400 square feet per gallon (approximately 5.3 wet mils) per coat. Actual coverage rates will vary depending on surface conditions. Two coats are required; the second coat must be applied perpendicular to the first coat.

PACKAGING:

ERS-308 is available in 5 gallon (18.9 liter) pails and 55 gallon (208.19 liter) drums.

STORAGE LIFE:

One (1) year from date of shipment when stored in unopened, original container.

PRECAUTIONS:

- Do not apply to damp surfaces or when rain or snow is imminent. Four to eight hours drying time is required.
- Exposure to dew or rain before complete cure will cause a bronze discoloration.
- Not recommended for areas that have ponded water.
- Porous surfaces must be primed and then allowed to dry thoroughly before applying coating.
- Two uniform coats required.
- Proper and frequent mixing is required to assure desired performance.
- Emulsions must age a minimum of 30 days before applying ERS-308.
- Do not apply over a fresh glaze of hot asphalt; severe cracking will result.
- When applying over smooth APP modified sheets, allow membrane to weather 90 days before application.
- For highest reflectivity, product should be applied when ambient temperature is over 60°F (15.6°C).
- Not for use over new cold-applied modified bitumen membranes. Test applications should be evaluated for surface checking.
- Do not apply during extreme temperatures - > 105°F (40.6°C).

PHYSICAL PROPERTIES:

Property	Typical Value	Test Method
Asbestos Content	0%	EPA 600/R-93/116
Metallic Aluminum by Weight	15%	ASTM D 2824
Non-Volatile Matter (NVM)	50%	ASTM D 2824
Flash Point	100°F (37.8°C), minimum	ASTM D 3278
Uniformity and Consistency	Acceptable as described	ASTM D 2824
Stormer Viscosity (100 gm driving load)	24 sec./100 rev.	ASTM D 2824

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