



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-309

P/N: 010-0010
010-0011

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-309 is a unique SBS modified elastomeric adhesive designed to adhere asphalt and polymer modified asphalt sheet materials in reroofing and new roof applications. ERS-309 is an innovative, economical material that can be applied by spray or notched squeegee.

RECOMMENDED USES:

ERS-309 can be used to fully adhere both polymer modified and standard, fully coated asphalt roll roofing to approved substrates. It can also be used as an interply adhesive for membrane construction using fully coated asphalt roll goods or as a surfacing floodcoat for existing or new asphalt built-up roof assemblies to adhere gravel or granule surfacing.

ADVANTAGES:

- Cold applied – thus eliminating open flames and kettles
- Elastomeric
- Asbestos free
- Complies with all current VOC regulations
- Classified by Underwriters Laboratories, Inc.® as to an external fire exposure
- Approved by the Miami Dade County Building Code Compliance Department and Building Code
- Easily spray applied
- Provides excellent substrate adhesion and strong lap bond
- Manufactured with recycled materials which can lead to LEED points.

APPROVALS:



INSTALLATION: Do Not Thin!

Surface Preparation: Surface must be clean and dry.

Application: ERS-309 can be applied by spray or notched squeegee. Do not thin. Do not use to laminate or adhere flashings to vertical surfaces. Apply evenly. Place membrane immediately and broom for full adhesion.

Spray Information: 45:1 variable pressure, double ball displacement pump; 3/4" I.D. hose (up to 220' length); piston-type, ball and seat control gun with reversing airless nozzles (.055" to .067" orifice depending on pressure). Immerse displacement pump directly into material with an inlet tube no longer than 20", and intake screen with 1/4" openings.

Warming material may be needed when drum temperatures fall below 60°F (15.6°C) or when hose lengths exceed 300'. Clean equipment with mineral spirits when finished.

Drying Time: 24 to 48 hours depending on conditions.

COVERAGE:

As an interply adhesive, ERS-309 is applied at a rate of 2.0 gallons per 100 square feet, including laps. If applied too heavily, modified bitumen sheet may soften and/or blister.

As a surfacing bitumen, ERS-309 is applied at 5 – 7 gallons per square (gravel surface) for a new construction flood coat or at 7 gallons per square (gravel surface) for maintenance coating.

PACKAGING:

ERS-309 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 use to bond APP membranes having burn-off films.
- Do not use to adhere vertical flashing ply sheets.

PHYSICAL PROPERTIES:

Property	Typical Value	Test Method
Asbestos Content	0%	EPA 600/R-93/116
Density	9.0 lbs./gal.	ASTM D 1475
Flash Point	102°F (38.9°C)	ASTM D 93
Non-Volatile Matter	73.3%	ASTM D 4479
Asphalt Content, minimum	56%	ASTM D 4
Uniformity	Pass	ASTM D 4479
Fire Resistance	Pass, Class A	UL 790

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