



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-8002

P/N: 010-0025

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-8002 is a high solids, polymer modified emulsion adhesive for use with ERS-8000-FB.

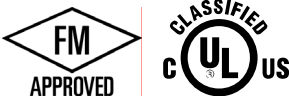
RECOMMENDED USES:

ERS-8002 is formulated for use in cold application of ERS-8000-FB.

ADVANTAGES:

- Complies with all current VOC regulations.
- Classified by Underwriters Laboratories, Inc.® as to an external fire exposure.
- Meets requirements of Factory Mutual Corporation® Standard 4470.
- Water-based for safety and low odor.

APPROVALS:



INSTALLATION:

Surface Preparation: All surfaces to be treated must be inspected and deemed suitable for membrane application. Surfaces must be smooth, dry and free of dust, water, or any substance that may adversely affect adhesion. Compatibility with existing roof components must be verified prior to installation. New concrete surfaces must be determined to be sufficiently cured to accept roofing membranes. Cementitious surfaces must be primed with ERS-301 (approximately ¾ gal/100 sq.ft.) 24 hours before adhesive application. Primed surfaces that have been exposed longer than 24 hours should be re-primed. Primed surfaces must be free of contamination.

Application: ERS-8002 is applied to the substrate using a brush, roller or notched squeegee. As the adhesive dries, it will be tacky when touched. At this point, it is recommended to install ERS-8000-FB. If the film becomes dry and loses its tack (temperature and humidity affects curing time), warm with a hot air torch and install membrane while adhesive is tacky. When the application requires the installation of ERS-8000-FB into a wet adhesive film, the substrate must be water absorbing to allow the adhesive to dry. Apply as received, without dilution, and at temperatures between 50°F (10°C) to 100°F (37.8°C). Apply only enough ERS-8002 at one time to cover the application of one roll of ERS-8000-FB. Once in place, the ERS-8000-FB must immediately be firmly broomed and then rolled with a heavy roller (min.200#) to ensure adhesion.

Drying Time: Best to lay in membrane after adhesive becomes tacky (depends on ambient conditions). If laying membrane in wet adhesive, substrate must be water absorbing in order for the adhesive to dry. If adhesive becomes dry to touch prior to laying in membrane, warm with hot air torch to restore tack and lay in membrane.

COVERAGE RATE:

1-1/2 – 2 gallons per 100 square feet, subject to porosity of substrate to be coated.

STORAGE LIFE:

Six (6) months when stored in original, unopened containers at 60°F – 80°F (15.6°C - 26.7°C).

PACKAGING:

ERS-8002 is available in 5 gallon (18.9 liter) pails.

PRECAUTIONS:

Keep container covered when not in use. Do not apply in rain or when frost or rain is forecasted within 24 hours. Temperature and humidity affects curing time. Keep from freezing.

PHYSICAL PROPERTIES:

Property	Typical Value
Color	Black
Solids	Approximately 75%
Viscosity	Approximately 18,000 cps @ 77°F (25°C)

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