



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

ERS-EPDM Splice Adhesive

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-EPDM Splice Adhesive is a black, butyl rubber based product designed for splicing EPDM membranes and uncured EPDM flashings. This product has been formulated to provide fast drying, long open time and high peel strength. When cured, ERS-EPDM Splice Adhesive offers good resistance to heat, cold water and moisture. ERS-EPDM Splice Adhesive can be easily brushed or roller applied at high or low temperatures.

USES:

ERS-EPDM Splice Adhesive may be used on EPDM membranes for splicing field sheets. This product may also be used to splice ERS-Uncured EPDM Flashing to cured EPDM membranes. Use ERS-White EPDM Splice Adhesive when a white (white-on-black) membrane is required. ERS-EPDM Tape Primer must be used to prepare the membrane prior to the application of the adhesive.

PHYSICAL CHARACTERISTICS:

Typical Liquid Properties* at 77°F

Base Polymer	Butyl
Color	Black
Solids, %	30%
Solvent Formulation	Aromatic, Aliphatic
Viscosity Brookfield, RVT No.2 at 20 rpm,cps	3000 - 4000
Specific Gravity	0.883
Pounds per Gallon	7.4 (3.4Kg)
Flash Point, F, SETA	8°F (-13°F)

*Typical Values: Based on material tested in our laboratories but variable from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

Estimated Coverage Rates Of ERS-EPDM Splice Adhesive*

<u>Splice Width</u>	<u>Coverage (Linear Ft/Gal)</u>
3"	150 ft.
4"	120 ft.
6"	100 ft.

*Approximately 5 mils dry thickness each side. This coverage rate equates to 50 square feet of finished seam per gallon.

PACKAGING & STORAGE:

DOT Label Required: Flammable liquid

When ERS-EPDM Splice Adhesive is stored in an unopened container between 60°F and 80°F, the shelf life is 12 months. Rotate stock.

INSTALLATION:

After positioning sheets, fold overlapping sheet back approximately 12". Thoroughly clean both mating surfaces with ERS-EPDM Seam Cleaner and Scotch-Brite® pads or clean rags so that both surfaces are solid black in color with no streaking. Thoroughly stir the ERS-EPDM Splice Adhesive. Apply an even coating of ERS-EPDM Splice Adhesive to both primed surfaces and allow to dry until tacky but will not string, stick or move when touched or pushed with a dry finger (approximate drying time may vary between 15 to 45 minutes). Roll top sheet onto the mating surface assembling with hand pressure. Using a 2" steel roller, apply adequate pressure over the entire seam area, rolling perpendicular to the length of the seam. ERS-EPDM Lap Sealant must be applied along the completed seam edge.

Note: See Ecology Roof Systems EPDM Specification Manual for complete application procedures.

PRECAUTIONS:

ERS-EPDM Splice Adhesive contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn.

Ecology Roof Systems maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers. Ecology Roof Systems' Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Ecology Roof Systems products in your facilities.

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