



PRODUCTS FOR OUR ENVIRONMENT

## TECHNICAL DATA SHEET

### ERS-EPDM All Seal

For Professional Use Only



#### PRODUCT DESCRIPTION:

ERS-EPDM All Seal is a black synthetic rubber based product designed specifically as a premium grade brush and roller applied contact adhesive for bonding EPDM membrane materials in single ply roofing systems. The resin reinforced rubber in this adhesive produces strong bonds that are resistant to moisture, oil, and grease. Maximum physical and chemical properties are achieved after 2-3 days from time of application.

#### USES:

ERS-EPDM All Seal may be used as either a splice or bonding adhesive. This product eliminates the need for two products at the job site. ERS-EPDM All Seal bonds EPDM to metal, wood, concrete, and approved insulation boards.

#### PHYSICAL CHARACTERISTICS:

Base:	Polychlorophrene
Viscosity:	2800-3200 cps
Specific Gravity:	0.86
Color:	Black
Odor:	Mild
Bonding Range:	Approximately 2 hours
Coverage:	Approximately 60 sf/gal (2 side application)

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.

#### PACKAGING & STORAGE:

**DOT Label Required:** Flammable Liquid

Materials should be stored in a cool dry area away from heat, sparks and open flame.

#### INSTALLATION:

**Bonding Adhesive** - Materials to be bonded should be clean, dry and free of contaminants. Stir the adhesive thoroughly before use. Using a standard solvent resistant roller, apply the adhesive to the underside of the membrane, and to the roof deck, at a rate of 60 square feet per gallon on two sided application. Allow to dry approximately 15 to 30 minutes before assembly. Roll membrane onto the coated underlayment. After mating, broom the membrane using adequate pressure to ensure positive contact between the membrane and the underlayment.

**Splice Adhesive** - Position the membrane to overlap the distance recommended for the application. Clean seams of roofing membrane by using the ERS-EPDM Seam Cleaner. Scrub ERS-EPDM Seam Cleaner on splice area and allow to dry. Apply a uniform coat of adhesive to both primed surfaces with a clean brush or roller using consistent strokes parallel to the direction of the splice. Allow surfaces to dry approximately 15 to 30 minutes (environmental conditions may affect drying time).

Assemble seams together. Immediately roll the splice with a 2" wide steel roller with adequate pressure to ensure that intimate contact is made. After splice has been assembled, apply a bead of lap sealant along the exposed edge of the splice.

Note: ERS-EPDM Tape Primer or ERS-EPDM Seam Cleaner must be used when the ERS-EPDM All Seal is used as a splice adhesive.

Estimated Coverage Rates\*

<u>Splice Width</u>	<u>Coverage (Linear Feet/Gallon)</u>
4"	130-150 lf.
6"	90-110 lf.

\*(5 mils thick, dry, both sides)

**PRECAUTIONS:**

ERS-EPDM All Seal 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 products handling procedures to protect your employees and customers. Our 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 facility.

***Ecology Roof Systems***<sup>®</sup>

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