



PRODUCTS FOR OUR ENVIRONMENT

TECHNICAL DATA SHEET

**ERS-Low VOC
EPDM Tape
Primer**

For Professional Use Only



PRODUCT DESCRIPTION:

ERS-Low VOC EPDM Tape Primer is a solvent-based product designed for one-step cleaning and priming of EPDM surfaces to be bonded with in-seam tapes, uncured flashing tapes, cured cover tapes, and pre-taped membranes. It is a low VOC product that is ideal for use where environmental concerns are an issue.

RECOMMENDED USES:

A low VOC product designed for one-step cleaning and priming of EPDM surfaces prior to the application of in-seam tapes and other taped products.

PHYSICAL PROPERTIES:

Base Material	Synthetic Rubber
Solids	10-15%
Flash Point	40°F (4.4°C)
VOC	Less than 250 grams/liter
Shelf Life	9 months
Average Weight	9.8 lbs./gallon (1.2 kg/liter)

*General properties. Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification or specification range for any particular property of this product.

COLORS:

Olive Drab to Dark Gray

PACKAGING:

1 gallon (3.8 liter) cans

BENEFITS & SUPPLEMENTAL STATEMENTS:

- Promotes excellent adhesion with tape products
- One step cleaner and primer
- Coverage rates up to 700 sq ft per gallon with clean sheet
- VOC less than 250 gpl

COVERAGE RATES:

- Approximately 250 square feet / gallon with dusted sheet
- Up to 700 square feet / gallon with clean sheet

INSTALLATION TEMPERATURE:

If primer is stored at temperatures less than 60°F, restore to room temperature (~70°F) before using.

INSTALLATION INSTRUCTIONS:

Surface Preparation

1. Remove all foreign material by brooming or washing with water. If membrane is very dirty, scrubbing with weathered membrane cleaner may be necessary. This process is essential on membrane that has been exposed for a number of weeks.

Note: Permeation resistant gloves (that meet ANSI/ISEA 105-2005) are required for hand protection when cleaners or primers are being used.

Application

1. Thoroughly stir primer until all settled materials are blended into the solution.
2. Standard Membrane - Apply the primer with Scotch-Brite® pads or clean rags. Scrub the area of the membrane (where the pre-taped sheet, taped product or splicing cement is to be applied) in a circular motion to achieve a thin, even coating on the membrane. The properly cleaned/primed area will be uniform in color without streaks and free of globs or puddles.
3. Pre-Cleaned Membrane: Roller apply the primer to the membrane with a short nap length paint roller. The coated area is to be free of globs or puddles.
4. Note: The use of excessive amounts of ERS-Low VOC EPDM Tape Primer will not significantly enhance the adhesion of the pre-taped or taped product to the EPDM membrane. Use only the amount necessary to obtain 100% coverage of the area where the tape or adhesive will be applied.
5. Allow the ERS-Low VOC EPDM Tape Primer to dry until it does not transfer to a dry finger touch. Prompt installation of the in-seam tape or taped product as soon as the primer flashes off minimizes potential dust contamination and promotes adhesion in colder weather.
6. Complete the splice as specified in Ecology Roof Systems' Specifications and Details.

**** REVIEW CURRENT ECOLOGY ROOF SYSTEMS' SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.**

Precautions

1. This product is **FLAMMABLE**. Precautions must be taken to keep the primer away from heat, flame and sparks during storage and use.
2. Avoid contact with eyes and skin.
3. Avoid breathing vapors. Keep container closed when not in use. Use with adequate ventilation. If inhaled, remove to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately. During application, efforts must be made to prevent fumes from entering the building via air ventilation ducts. Do not place open containers or mix adhesive near fresh air intake units. When possible, shut down or seal off the closest units.
4. If swallowed, **DO NOT INDUCE VOMITING**. Call a physician immediately.
5. Chemically-resistant gloves must be worn with ERS-Low VOC EPDM Tape Primer to protect hands from staining and irritating ingredients.
6. Thoroughly stir this product until all settled pigment is blended into the solution. Solids suspended in ERS-Low VOC EPDM Tape Primer tend to settle. Use ERS-Low VOC EPDM Tape Primer full strength. Do not thin. Thinning will affect performance.
7. ERS-Low VOC EPDM Tape Primer may cause staining of white-on-black membrane and other non-black surfaces.
8. Due to solvent flash-off, condensation may form on freshly applied ERS-Low VOC EPDM Tape Primer when the ambient temperature is near the dew point. If condensation develops, the application of primer must be discontinued (proper adhesion will not be obtained). Allow the surface to dry and apply a thin freshener coat of primer to the previously coated surface when conditions allow.

REVIEW THE LOW VOC EPDM PRIMER MATERIAL SAFETY DATA SHEET FOR COMPLETE SAFETY INFORMATION PRIOR TO USE.

KEEP OUT OF REACH OF CHILDREN.

STORAGE & HANDLING

Job site storage temperatures in excess of 90°F (32°C) may affect product shelf life. Should the primer be stored at temperatures lower than 60°F (15°C), restore to room temperature prior to use. Keep can tightly closed when not in use and protect from moisture contamination. Once exposed to moisture in the air, ERS-Low VOC EPDM Tape Primer begins to cure and may gel within a few days. A gasket of membrane or sealant can be used to create a positive seal.

PROTECTION & SAFETY

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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