



WATERPROOFING

CCW Low-VOC EPDM Primer



Description

Let CCW simplify your next EPDM or MiraPLY™ installation with their Low-VOC EPDM Primer. Low-VOC EPDM Primer is a solvent-based product designed for one-step cleaning and priming of EPDM and MiraPLY surfaces prior to the application of FAT™, SecurTAPE™ and all other pressure-sensitive products. Low-VOC EPDM Primer can also be used with EP-95 Splicing Cement. It is a Low-VOC product that is ideal for use where environmental issues are a concern.

Typical Use

Low-VOC EPDM Primer is designed for one-step cleaning and priming of EPDM and MiraPLY surfaces prior to the application of FAT, SecurTAPE and all other pressure-sensitive products.

Features and Benefits

- One-step cleaner and primer used in conjunction with all pressure-sensitive accessories on EPDM and MiraPLY membranes
- Coverage rates up to 700 square feet per gallon with PRE-KLEENED membrane
- VOC less than 250 g/l

Application**

1. Remove all foreign material by brooming or washing with water.
 - a. Excessive mica dust may be removed by brooming or wiping with a dry Carlisle HP Splice Wipe.
 - b. 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.

2. Thoroughly stir primer until all settled materials are blended into the solution.
3. Application of Low-VOC EPDM Primer
 - a. Standard Membrane - Apply the primer with a clean HP Splice Wipe (or equivalent). Scrub the area of the membrane (where the FAT, pressure-sensitive 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.
 - b. PRE-KLEENED Membrane - Roller-apply the primer to the membrane with a short nap-length paint roller. The coated area will be free of globs or puddles.

Note: The use of excessive amounts of Low-VOC EPDM Primer will not significantly enhance the adhesion of the FAT or pressure-sensitive product to the EPDM and MiraPLY membranes. Use only the amount necessary to obtain 100% coverage of the area where the tape or adhesive will be applied.

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- Allow the Low-VOC EPDM Primer to dry until it does not transfer to a dry finger touch. Installation of the FAT or pressure-sensitive product as soon as the primer flashes off minimizes potential dust contamination and promotes adhesion in colder weather.
- Complete the splice as specified in CCW's Specifications and Details.

****REVIEW CURRENT CCW SPECIFICATIONS AND DETAILS FOR SPECIFIC APPLICATION REQUIREMENTS.**

Warnings and Hazards

- This product is **FLAMMABLE**. Precautions must be taken to keep the primer away from heat, flame and sparks during storage and use.
- Avoid contact with eyes and skin.
- 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.
- If swallowed, **DO NOT INDUCE VOMITING**. Call a physician immediately.
- Chemical-resistant gloves must be worn with Low-VOC EPDM Primer to protect hands from staining and irritating ingredients.
- Thoroughly stir this product until all settled pigment is blended into the solution. Solids suspended in Low-VOC EPDM Primer tend to settle. Use Low VOC-EPDM Primer full strength. Do not thin. Thinning will affect performance.
- Low-VOC EPDM Primer may cause staining of Sure-White® membrane and other non-black surfaces.
- Jobsite 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, Low-VOC EPDM 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.
- Due to solvent flash-off, condensation may form on freshly applied Low-VOC EPDM 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.

Mixing

Stir thoroughly until all settled pigments are dispersed and the cement is uniform in color.

Coverage

Approximately 250 ft²/gallon (23 m²) can be expected when properly applied to dusted membrane.

Coverage rates as high as 700 ft²/gallon (65 m²) can be expected with PRE-KLEENED membrane.

Typical Properties

Property	Results
Base	Synthetic Rubber
Color	Olive Drab to Dark Gray
Solids	10-15%
Flash Point	40°F (4.4°C)
VOC	Less than 250 grams/liter
Packaging	1 gallon (3.8 liters) cans
Average Weight	9.8 lbs/gallon (1.2 kg/liter)
Shelf Life	9 months

*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.

Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.