

WeatherBond

Low-VOC Primer



Overview

Low-VOC Primer is a solvent-based product designed for one-step priming of EPDM or TPO surfaces prior to the application of Peel & Stick (P&S) products. This product is designed to comply with VOC regulations.

Features and Benefits

- One-step primer used in conjunction with all peel & stick accessories on EPDM or TPO membranes
- Coverage rates up to 700 square feet per gallon with clean (no dust) membrane
- VOC less than 250 g/L
- Excellent long-term peel and shear strength

Coverage Rates

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

Coverage rates as high as 700 ft²/gallon (65 m²) can be expected with clean (no dust) membrane.

Mixing

Mixing is not recommended, even when settling occurs. The polymer used in primer contains a non-soluble partitioning agent that may settle to the bottom of the can. Do not attempt to break up or stir back into the primer.

Application

1. Remove all foreign material.
 - b. Excessive mica dust may be removed from EPDM by brooming or wiping with a clean, dry natural fiber rag.
 - c. The use of Weathered Membrane Cleaner may be necessary on TPO or EPDM. 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. Application of Low-VOC Primer
 - a. Dusted EPDM Membrane - Apply the primer with a clean natural fiber rag. Change fiber rags often to ensure mica dust is removed. Roller-apply the primer to the membrane with a short nap-length paint roller. The coated area will be free of globs or puddles.
 - b. TPO or Clean (No Dust) 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 Primer will not enhance the adhesion of the peel & stick product to the membrane. Use only the amount necessary to obtain 100% coverage of the area where the tape or adhesive will be applied.

3. Allow the Low-VOC Primer to flash off until it does not transfer to a dry finger touch yet remaining tacky. **Install the peel & stick product immediately after the primer has flashed off to promote adhesion and avoid contamination.**
4. Complete the detail as specified in WeatherBond's Specifications and Details.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC APPLICATION REQUIREMENTS.



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ROOFING SYSTEMS

Single-Ply Simplified

Precautions

1. Avoid allowing the primer to over dry or lose tack.
2. Install pressure-sensitive flashings, corners, and tapes immediately after primer flashes off and remains tacky.
3. This product is **FLAMMABLE**. Precautions must be taken to keep the primer away from heat, flame and sparks during storage and use.
4. Avoid contact with eyes and skin.
5. 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.
6. If swallowed, **DO NOT INDUCE VOMITING**. Call a physician immediately.
7. Chemical-resistant gloves must be worn with Low-VOC Primer to protect hands from staining and irritating ingredients.
8. Solids suspended in Low-VOC Primer tend to settle and do not need to be remixed. Stirring is not required. Use Low-VOC Primer full strength. Do not thin. Thinning will affect performance.
9. Low-VOC Primer is not white in color. Care should be taken to limit the amount of primer exposed beyond the splice area for improved aesthetics.
10. 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.
11. Keep can tightly closed when not in use and protect from moisture contamination. Once exposed to moisture in the air, Low-VOC 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.
12. Due to solvent flash-off, condensation may form on freshly applied Low-VOC 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.
13. **REVIEW THE LOW-VOC PRIMER MATERIAL SAFETY DATA SHEET FOR COMPLETE SAFETY INFORMATION PRIOR TO USE.**
14. **KEEP OUT OF REACH OF CHILDREN.**

LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Carlisle, PA
VOC Content	<250 g/L

Typical Properties and Characteristics

Property	Test Method
Base	Synthetic Rubber
Color	Olive Drab to Dark Gray
Solids	9%
Flash Point	40°F (4.4°C)
VOC	Less than 250 g/liter
Packaging	1 gallon (3.8 liters) cans/1 quart (0.95 liter) cans
Shelf Life	9 months
Average Weight	9.55 lbs/gallon (1.14 kg/liter)

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 range for any particular property of this product.



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