

Sure-Flex™ PVC

Low-VOC Step 2 Primer



Overview

Carlisle's Sure-Flex Low-VOC PVC Step 2 Primer is a high-solids-content, polymer-based splice primer. This product is applied to Sure-Flex KEE HP and PVC membranes to improve the adhesion of PVC Pressure-Sensitive Cover Strip. Low-VOC PVC Step 2 Primer meets the < 250 gpl VOC content requirements of the OTC Model Rule.

Features and Benefits

- » Low-VOC PVC Step 2 Primer allows for excellent adhesion of PVC Pressure-Sensitive (PS) Cover Strip to KEE HP and PVC membranes
- » Excellent long-term peel and shear strength

Coverage Rate

Coverage rates as high as 700 square feet (65 square meters) per gallon can be expected.

Application

1. **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.
2. The KEE HP or PVC membrane (already covered by the Low-VOC PVC Step 1 Activator) to which the Low-VOC PVC Step 2 Primer will be applied should be dry and clean. Metal edging can be cleaned with PVC and KEE HP Membrane Cleaner prior to primer application.

3. Apply Low-VOC PVC Step 2 Primer using a paintbrush or medium-nap paint roller. The membrane and metal surfaces should be uniform in color with no streaking or puddling. Apply PVC Step 2 Primer to a wider area than the actual splice area to ensure complete coverage.
4. Allow Low-VOC PVC Step 2 Primer to flash off completely before applying PVC Pressure-Sensitive Cover Strip. Flash-off times will vary depending on ambient air conditions.

Review Carlisle specifications and details for complete installation information.

Precautions

- » **WARNING! HARMFUL IF SWALLOWED. FLAMMABLE LIQUID. MAY BE IRRITATING TO SKIN AND EYES.**
- » Do not allow Low-VOC PVC Step 2 Primer to over-dry or lose tack.
- » Install PVC Pressure-Sensitive Cover Strip immediately after Low-VOC PVC Step 2 Primer flashes off and while it is still tacky.
- » This product is **FLAMMABLE**. Precautions must be taken to keep the primer away from heat, flame, and sparks during storage and use.
- » Wash hands thoroughly after handling. Avoid contact with eyes, skin, and clothing. Use of permeation-resistant gloves (that meet ANSI/ISEA 105-2005) and safety glasses is recommended. Keep away from heat, sparks, motors, and open flame. **DO NOT SMOKE WHILE USING.** Keep lid closed when not in use.
- » 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 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. In case of eye contact, flush with water for at least 15 minutes. In case of skin contact, wash with soap and water. If irritation develops, call a physician.
- » Permeation-resistant gloves (that meet ANSI/ISEA 105-2005) must be worn with Low-VOC PVC Step 2 Primer to protect hands from staining and irritating ingredients.
- » Partitioning agents suspended in Low-VOC PVC Step 2 Primer tend to settle and do not need to be remixed. Stirring is not required. Use Low-VOC PVC Step 2 Primer full strength. Do not thin. Thinning will affect performance.

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- » Low-VOC PVC Step 2 Primer is not white in color. Care should be taken to limit the amount of primer exposed beyond the PS PVC Cover Strip area for improved aesthetics.
- » Jobsite storage temperatures in excess of 90°F (32°C) may affect product shelf life. Should the Low-VOC PVC Step 2 Primer be stored at temperatures lower than 60°F (15°C), restore to room temperature prior to use.
- » Opened containers of Low-VOC PVC Step 2 Primer should be used within 48 hours. Primer will begin to thicken after this point, making it difficult and eventually impossible to control applied thickness. In hot weather, do not leave sealed containers on roof for prolonged periods of time. In cold weather, keep material at room temperature until ready to use. Stir occasionally while using.
- » Keep can tightly closed when not in use and protect from moisture contamination. 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 PVC Step 2 Primer when the ambient temperature is near the dew point. If condensation develops, discontinue the application of primer as 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 PVC Step 2 Primer Safety Data Sheet for complete safety information prior to use.
- » KEEP OUT OF REACH OF CHILDREN.

Typical Properties and Characteristics

Base	Synthetic Rubber
Color	Olive Drab
Solids	9%
Flash Point	40°F (4.4°C)
Packaging	(2) 1-gallon (3.8 liters) cans per carton
Shelf Life	1 year
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.

LEED® Information

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