

Perm-A-Barrier® WB Primer

Water-based primer for use with Perm-A-Barrier membranes

Advantages

- **Excellent adhesion** – bonds to substrate and binds dust
- **Aggressive tack** – provides a tenacious bond to difficult substrates such as Dens-Glass Gold® and other glass faced wall boards
- **Fast drying** – increased flexibility for application schedule
- **Fast and easy application** – by brush or roller
- **VOC compliant** – water-based, contains no hazardous or flammable solvents
- **Low odor** – no noxious fumes

Description

Perm-A-Barrier® WB Primer is a water-based primer which imparts an aggressive, high tack finish on the treated substrate. It is specifically designed to facilitate tenacious adhesion of Perm-A-Barrier Wall Flashing, Perm-A-Barrier Wall Membrane, Grace underlayments and Grace Vycor® Plus self-adhered flashings to various substrates including Dens-Glass Gold (refer to relevant product data sheets).

Use

Perm-A-Barrier WB Primer can be used at -4°C (25°F) or above. It will freeze at -7°C (21°F) and can no longer be used after it freezes.

Availability

Perm-A-Barrier WB Primer is available in 1 gallon jugs and 5 gallon plastic pails.

Installation

Safety, Storage and Handling Information

Perm-A-Barrier WB Primer is nonflammable. Vapors from solvent-based primers and mastic are harmful and flammable. Grace Protection Board Adhesive is extremely flammable. For these products, the best available information on safe handling, storage, personal protection, health and environmental considerations has been gathered. Material Safety Data Sheets (MSDS) are available at www.graceconstruction.com and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the MSDS before use.

Store above freezing 0°C (32°F).

The VOC (Volatile Organic Compound) content is 10g/L and it meets the U.S. EPA Volatile Organic Compound Emission Standard for Architectural Coatings.

Application

Apply primer in dry weather with ambient and substrate temperatures above -4°C (25°F). Surface must be dry and clean.

Surface Preparation

All surfaces must be free from frost, dirt, grease, oil or other contaminants. Failure to remove excessive dust may result in compromised adhesion of the membrane.

In cooler or humid conditions, priming may be done in advance. If primed surface is exposed for more than 7 days, or if significant dust or dirt accumulates on the surface, re-prime with a thin coat of Perm-A-Barrier WB Primer.

Roller Technique

Synthetic, 13 mm (½ in.), nap rollers have been found to be very successful for the application of Perm-A-Barrier WB Primer. A moderately thick coating should be applied and rolled out evenly (see coverage below). A properly applied coating will have uniform coverage and leave a tacky finish to the surface when dry.

Coverage

6.0-8.0 m²/L (250-350 ft²/gal)

Drying Time

To be effective, the Perm-A-Barrier WB Primer needs to fully dry. Drying time of the material is dependent on many factors including temperature, humidity, wind, sunlight and coverage rate. The drying time could vary from as little as 15 min. (>32°C (>90°F), windy, under the sun) to 3 hours (cold and no wind), depending on the weather condition. Following are guidelines for dry time at various temperature:

- 32°C (90°F) or greater:
45 min. – 1 hr
- 10°C (50°F) to 32°C (90°F):
1 – 3 hrs
- Less than 10°C (50°F):
3 hrs +

Product is packaged “ready to use.” Do not use any substance to thin this product.

For Technical Assistance call toll free at 866-333-3SBM (3726).

 Visit our web site at www.graceconstruction.com

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W. R. Grace & Co.-Conn.

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