PERM-A-BARRIER® WB PRIMER

Water-based primer for use with Perm-A-Barrier Flashings, Detail Membrane and Wall Membrane

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 Flashings, Perm-A-Barrier Detail Membrane and Perm-A-Barrier Wall Membrane to various substrate including glass-mat faced gypsum sheathing. Refer to Technical Letter 2, *Substrate Preparation for Application of Perm-A-Barrier Products to Glass-Mat Faced Gypsum Sheathing* for priming requirements on specific glass-mat faced sheathing products.

Advantages

- **Excellent adhesion**—bonds to substrate and binds dust
- **Aggressive tack**—provides a tenacious bond to difficult substrates such as DensGlass 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

Product Advantages

- Excellent adhesion
- Aggressive tack
- Fast drying
- Fast and easy application
- VOC compliant
- Low odor

Use

Perm-A-Barrier WB Primer can be used at 25°F (-4°C) or above. It will freeze at 21°F (-7°C) 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. Material Safety Data Sheets (MSDS) are available at 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 32°F (0°C).

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

Architectural and Industrial Maintenance Regulations limit the VOC content in products classified as Architectural Coatings. Refer to Technical Letters at graceconstruction.com for most current list of allowable limits.

Application
Apply primer in dry weather with ambient and substrate temperatures above 25°F (-4°C). 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, ½ in. (13 mm), 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
250–350 ft^2/gal (6.0–8.0 m^2/L)

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. (warm and windy) to 3 hours (cold and no wind), depending on the weather condition. The following are guidelines for dry time at various temperatures:

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

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

www.graceconstruction.com

For technical assistance call toll free at 866-333-3SBM (3726)

Perm-A-Barrier and Vycor are registered trademarks of W. R. Grace & Co.–Conn.
DensGlass Gold is a registered trademark of Georgia-Pacific Corporation.

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate and is offered for the users' consideration, investigation and verification, but we do not warrant the results to be obtained. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation or suggestion is intended for any use which would infringe any patent or copyright. W. R. Grace & Co.–Conn., 62 Whittemore Avenue, Cambridge, MA 02140. In Canada, Grace Canada, Inc., 294 Clements Road, West, Ajax, Ontario, Canada L1S 3C6.

This product may be covered by patents or patents pending. Copyright 2010. W. R. Grace & Co.–Conn.
PAB-020G Printed in U.S.A. 4/10 FA/PDF

GRACE

CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

DEVIN D GATES
SUBMITTED BY

071326-001
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

071326
SPECIFICATION SECTION / PARAGRAPH

Grace
MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◯ Shop Drawings
- ◯ Samples (_____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◉ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

◉ Action ◯ Information Only ◯ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

DEVIN D GATES — 05/18/16
REVIEWED BY — DATE

To be completed by Reviewer

07 1326-001
CANNON DESIGN SUBMITTAL NUMBER

5/19/16
RECEIVED DATE

- ◯ A. No Exceptions Taken
  No further review of submittal is required.
- ◯ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◉ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS ◯ See attached sheet(s) for additional comments

1. KWA has reviewed the supplied documents. KWA has approved the following products:
   a. Bituthene Liquid Membrane
   b. Bituthene Mastic
   c. Hydroduct 220
   d. Perm-a-barrier WB Primer
   e. STYROFOAM Brand Square Edge Insulation
2. KWA has rejected the following product:
   a. Bituthene 3000/3000 HC
3. Contractor shall coordinate this product with all material that will be in contact with it, for compatibility and that no issues with the warranty will occur.
4. “Bituthene 3000/3000HC” does not meet requirements. “Bituthene 3000 and Bituthene Low Temperature” meets specified requirements.

REVIEWED BY — 5/24/16
DATE

PARIC
EXPERIENCE. EXCELLENCE.
77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0040

Paric Corporation

PROJECT: Webster University Interdisciplinary Science Building

DATE: 05/18/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

RE: Waterproofing materials product data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☑ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	**SENT VIA:**	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☐ Other:	☐ Separate Cover Via:	☑ Due Date: 03/28/2016

Item	*Package*	*Code*	*Rev.*	*Copies*	*Date*	*Description*	*Status*
Submittal		071326-001	1		05/18/2016	Waterproofing materials product data	Submitted

NOTES:

CC: Paric Corporation, Kathy Bathe

Project Coordinator: Paric Corporation, Kathy Bathe

Signed: _____
Devin Gates