

## In This Issue

Labor Saver:  
DASH and Flexible DASH Dual Tanks

Updated Polyiso Jobsite  
Storage Guidelines

VersiGard® White Peel & Stick  
Accessories for TPO Systems

Q&A From the Field

New 20" Quick-Applied  
EPDM Cured Flashing

New Training Center

Tips for Successful Air and Vapor  
Barrier Installations

Substitutions for Coated Glass Faced  
Polyiso Insulation Products

Featured Detail: VGC-8.3

New Formulation –  
Low-VOC Primer

Labor Saver:  
HydroBond PVC Water-Based Adhesive

## Labor Saver: DASH and Flexible DASH Dual Tanks



Versico's DASH and Flexible DASH Dual Tanks provide contractors with several productivity-boosting benefits, including:

- Self-contained sets include spray tips, guns, nozzle extensions, and hoses in each A-side box.
- Reduces labor by eliminating equipment setup, maintenance, and breakdowns.
- Application time reduced up to 15% when compared to low-pressure dispensing machines.
- Each additional operator can increase productivity up to 100%.
- Reduces membrane application time up to 60% when compared to traditional installations using bonding adhesives on non-VersiFleece® systems.



Look inside for  
an update on  
the construction  
of the **CCM  
Training and  
Education  
Center.**



# VersiGard White Peel & Stick Accessories for TPO Systems

A number of Versico's labor-saving VersiGard White EPDM Peel & Stick (P&S) accessories are now approved for use on VersiWeld® TPO roofing systems with up to 20-year Total System Warranties. VersiGard White P&S accessories can provide substantial labor savings on hard-to-flash penetrations and are often ideal for circumstances in which a generator and hand welder are not practical.

## PRODUCT DESCRIPTION

**VersiGard White Peel & Stick Inside/Outside Corners and T-Joint Covers**

**VersiGard White Peel & Stick Pipe Seals**

**VersiGard White Peel & Stick Pourable Sealer Pockets**

**VersiGard White EPDM Peel & Stick Uncured Flashing 12" x 50'**

An **attachment outlining installation requirements and procedures** has been added to Versico's TPO Specification. The following details utilizing VersiGard White EPDM P&S accessories on TPO membrane systems can be found on the **[Versico website](#)**:

## NEW DETAILS FOR VERSIGARD WHITE PEEL & STICK ACCESSORIES FOR TPO SYSTEMS

TPC-5.1T	<b><u>Curb/Wall with VersiGard White P&amp;S Seam Tape</u></b>
TPC-5.2T	<b><u>Curb with VersiGard White P&amp;S EPDM Curb Flashing</u></b>
TPC-8.1T	<b><u>Pipe: Pre-Molded P&amp;S White EPDM Pipe Seal</u></b>
VGMA-8.2T	<b><u>Field-Fabricated Pipe Seal</u></b>
TPC-8.4T	<b><u>Hot Stack: Field-Fabricated Flashing with VersiGard White Uncured EPDM</u></b>
TPC-12.1T	<b><u>Parapet/Curb with VersiGard White EPDM &amp; VersiGard White P&amp;S Seam Tape</u></b>
TPC-15.3T	<b><u>VersiGard White P&amp;S Inside Corner with Continuous TPO Wall Flashing</u></b>
TPC-15.5T	<b><u>Outside Corner with Pre-Cut P&amp;S Flashing (option 1)</u></b>
TPC-15.7T	<b><u>Outside Corner with P&amp;S EPDM Flashing (option 2)</u></b>
TPC-16.2T	<b><u>Peel &amp; Stick Pourable Sealer Pocket</u></b>

## Q&A

### From the Field



#### Is it acceptable to use exterior sheathing on parapet walls?

No. Exterior gypsum boards' facers are generally porous, which allows the bonding adhesive to permeate into the gypsum core. This limits the bond strength between the facer and the membrane flashing. On parapet walls, Versico recommends using gypsum boards specifically engineered to promote adhesion between the board surface and the membrane flashing (products such as SECUROCK® Gypsum Fiber Roof Board or DensDeck® Prime).

#### When and how can I schedule a roof inspection for warranty?

Before scheduling an inspection, one must first submit the Copy B through the Versico website. Copy Bs must only be submitted once the project is 100% complete, including terminations, all metal work, and details. If any of these items are not completed, a re-inspection will be required and the roofer could be charged for early submittal. An inspection can be scheduled by calling the local Field Service Representative (FSR). For more information, please call Versico's Warranty Services department at 1-800-992-7663, Option 1.

### COPY A

(Job Approval Request)

Using the Versico website, the contractor applies for a warranty using a Copy A submittal, which includes project information and drawings. The contractor will receive an email confirmation that the Copy A has been received.

### COPY B

(Job Completion Date)

When the project is 100% complete, including terminations, metal work, and details, the contractor must submit a Copy B to Versico.

### INSPECTION

Once the Copy B has been submitted, a Versico Field Service Representative (FSR) will schedule the roof inspection.

# New 20" Quick-Applied EPDM Cured Flashing



Versico's new VersiGard 20" Quick-Applied (QA) Cured Flashing can be used on a variety of curb and pipe flashing details.

This product makes it easier to complete EPDM target patches underneath EPDM Pipe Seals when installing 30-year systems. Simply clean and prime the deck membrane, cut the flashing to length, peel the release liner, stick the flashing in place, roll, and seal the edges with Lap Sealant.

20" QA Cured Flashing is also ideal for use as a target splice when installing **VGMA-8.1** and **VGMA-8.2** pipe details on mechanically attached roof systems. The additional membrane securement required around pipes can now be overlaid with a single piece of flashing instead of four individual pieces.

## CCM Training and Education Center

Construction is progressing quickly at Carlisle Construction Materials' new training center, which is currently scheduled to open in late 2017. The facility will have 38,000 square feet of space dedicated to hands-on and classroom-style training, including a 125-person conference auditorium with tiered seating, and multiple breakout rooms, offices, and conference rooms. In the meantime, a limited number of openings are still available for those who wish to get certified in 2017.



### 2017 Contractor Certification Seminars

#### CARLISLE, PA

October 17 - 19

#### KENNESAW, GA

November 14 - 16

#### WYLIE, TX

October 3 - 5

#### TOOLE, UT

November 7 - 9

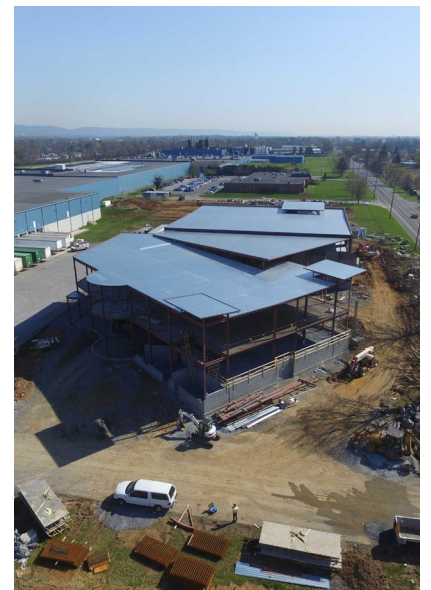
#### MONTGOMERY, NY

October 17 - 19

November 14 - 16

December 12 - 14

Visit [www.versico.com](http://www.versico.com) to sign-up for contractor training.



# Tips for Successful Air and Vapor Barrier Installations

## VAPAIR SEAL™ 725TR AIR & VAPOR BARRIER/TEMPORARY ROOF

When installing Versico's Air and Vapor Barrier (AVB) products – VapAir Seal™ 725TR, a self-adhering air and vapor barrier that can also be used as a temporary roof and VapAir Seal MD, a self-adhering air and vapor barrier that can be applied directly to metal decks – it is important to avoid the following errors:

**AVB membrane must be kept at proper temperatures before installation.** It is critical to keep the temperature of the AVB membrane above 60°F, as low temperatures can negatively affect adhesion. If the membrane's temperature is below 40°F during installation, adhesion will be significantly diminished.

**Primer must be kept at proper temperature before installation. Primer must be kept above 60°F prior to installation.** CAV-GRIP™ Low-VOC Adhesive/Primer is particularly susceptible to cold; if the cylinder drops below 45°F, the gas propellant will change to a liquid and the cylinder will stop spraying. If this should occur, warm the cylinder above 60°F and the propellant will return to a gas.

**AVB membrane must be properly rolled in.** SBS asphalt adhesive is pressure-sensitive. To ensure proper contact, AVB field sheets must be rolled with a 100- to 150-pound roller, and vertical surfaces must be rolled with a hand roller. When installing VapAir Seal MD directly over metal decks, brooming the sheet is acceptable.

**Primer is typically required on parapets and non-metal surfaces.** When installing VapAir Seal MD on vertical and non-metal surfaces, **priming is typically required.** When installing VapAir Seal MD directly over metal decks, priming is not required.

**Seams must be rolled in properly.** To ensure proper adhesion, it is critical that seams are rolled in with a seam roller. **Using a 150-pound roller on seams is not sufficient.**



**Use the proper Versico-approved details.** It is not uncommon to see non-traditional details used on AVB installations. It is critical that AVBs are properly sealed per Versico specifications and details.

**Use the proper AVB membrane for project.** Many variables (deck type, weather, job conditions, etc.) determine which type of AVB to use on a project. Consult Versico for more information.

**Don't install AVB over wet concrete.** Because adhesion can be compromised when AVBs are installed over wet concrete, the concrete must be allowed to dry before installation. The concrete must be allowed to dry naturally; "torch drying" or "force drying" are not acceptable, as these methods push moisture back into the concrete. Additionally, if rain falls on a dry concrete deck, it must be allowed to dry naturally prior to installing AVB.

## Substitutions for Coated Glass Faced Polyiso Insulation Products

Due to industry-wide lead time issues on all Coated Glass Faced (CGF) insulation products (e.g. SecurShield® Polyiso), many construction professionals have questions regarding acceptable alternatives. When necessary, several substitution options are available:

- GRF (paper-faced) products (e.g. VersiCore® MP-H Polyiso ) can be substituted for CGF product.
- Gypsum cover boards (e.g. DensDeck and SECUROCK) can be utilized in lieu of ½" high-density Polyiso for new construction projects.
- 1" and thicker standard density (20psi) GRF Polyiso can be utilized for adhered membrane and mechanically attached re-cover jobs.
- ½" standard density (20psi) GRF Polyiso and EPS fan-fold can be utilized for mechanically attached re-cover jobs.

Please feel free to contact Versico with any questions about substitutions.

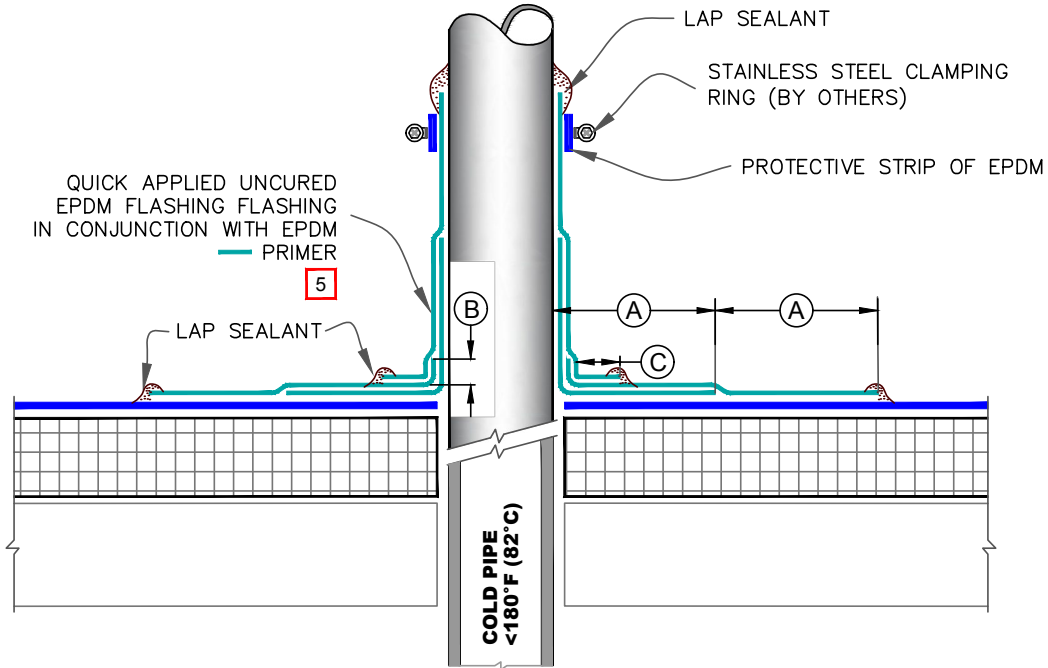
# Featured Detail

THERMOSET MEMBRANE

EPDM

CAUTION

WHEN A PRE-MOLDED PIPE SEAL IS NOT FEASIBLE, PROJECTS WITH 25 & 30-YEAR WARRANTIES REQUIRE ALL ROUND PIPE PENETRATIONS & STRUCTURAL STEEL TUBING TO BE WRAPPED WITH THREE LAYERS OF QUICK APPLIED UNCURED EPDM FLASHING IN CONJUNCTION WITH EPDM PRIMER, TERMINATED WITH A STAINLESS STEEL CLAMPING RING & SEALED WITH CONTINUOUS LAP SEALANT (AS SHOWN).



NOTES:

1. REMOVE ALL LEAD AND OTHER FLASHING BEFORE INSTALLING FIELD-FABRICATED FLASHING.
2. TEMPERATURE OF PIPE PENETRATION MUST NOT EXCEED 180°F (82°C).
3. PIPE FLASHING MAY BE USED WITH SQUARE OR RECTANGULAR STRUCTURAL TUBING WITH ROUNDED CORNERS.
4. FOR STRUCTURAL STEEL TUBING GREATER THAN 12" (305mm) ACROSS, USE [DETAIL\(S\) VGC-5](#).
5. EPDM PRIMER MUST BE APPLIED TO THE MATING SURFACES PRIOR TO APPLYING QUICK APPLIED UNCURED EPDM FLASHING.
6. IN COLDER TEMPERATURES, A HEAT GUN MUST BE USED WHEN FORMING QUICK APPLIED UNCURED EPDM FLASHING.
7. ON MECHANICALLY ATTACHED ROOFING SYSTEMS, ADDITIONAL MEMBRANE SECUREMENT IS REQUIRED. REFER TO [DETAIL VGMA-8.2](#).
8. MEMBRANE SECUREMENT IS REQUIRED AROUND ALL ROUND PIPE PENETRATIONS GREATER THAN 18" (457mm) IN DIAMETER.

DIMENSIONS		mm	
(A)	3"	76	MIN.
(B)	1/2"	13	MIN.
(C)	1"	25	MIN.



**FIELD FABRICATED PIPE SEAL / STRUCTURAL STEEL TUBE FLASHING**



THERMOSET ROOFING SYSTEM

**VGC-8.3**

## New Formulation – Low-VOC Primer

Versico's reformulated Low-VOC EPDM & TPO Primer provides excellent long-term peel and shear performance, as well as several other notable improvements, including:

**Increased tack** – Low-VOC EPDM & TPO Primer now provides a much more aggressive tack, and its extended open time means that the primer film remains tacky for a longer period after the solvents flash off.

**Resistance to gelling** – The new formulation eliminates gelling caused by humid air exposure. No gelling occurred with the reformulated primer when exposed to 85% humidity and 85°F for a full week.

**Longer shelf life** – Due to its excellent resistance to gelling, the shelf life of Versico's reformulated Low-VOC EPDM & TPO Primer has increased from 9 months to 12 months.

## Labor Saver: HydroBond™ PVC Water-Based Adhesive



Versico's HydroBond PVC Water-Based Adhesive provides contractors with several productivity-boosting benefits, including:

- One-sided, wet lay-in application saves time and labor.
- Can be roller-applied or spray-applied:
  - Roller application – Up to 100 FT<sup>2</sup> per gallon coverage.
  - Spray application – Up to 135 FT<sup>2</sup> per gallon coverage.
- Long-lasting, high-strength bond.
- Low VOC content (less than 120.5 g/l).
- No HAZMAT restrictions.



## Updated Polyiso Jobsite Storage Guidelines

Polyiso should be kept dry at all times. Since insulation bundle packaging is intended for transportation only, the following precautions are required when outdoor storage is necessary:

- Store bundles flat and upright with the bottoms of bundles elevated (2" or more) above a finished surface.
- The bundle packaging should be slit vertically down the center of the two short sides to prevent moisture accumulation within the package.
- Completely cover the bundle with a waterproof tarp and secure to prevent wind damage and/or displacement.



A SINGLE SOURCE FOR SINGLE-PLY ROOFING

Versico, PO Box 1289, Carlisle, PA 17013  
Tel: **800.992.7663** Fax: 717.960.4036 Web: **www.versico.com**