PROGRESSIVEFOAM®
EXPECT EXTRAORDINARY

PROFOLD® PREMIUM

PREMIUM GPS FANFOLD UNDERLAYMENT



Installation Instructions

Effective Date 11/4/26

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1.0 Storage, Handling, and Installation Precaution Recommendations

1.1 When stored outdoors, all materials must be protected from exposure to direct sunlight using an opaque light-colored tarp or protective wrap. Unwrapped bundles should be carefully rewrapped.

1.2 WARNING: Progressive Foam Technologies, Inc. (PFT) insulating sheathing and fanfold products are treated with a flame retardant; however, all foam plastic insulation will ignite if exposed to a heat source of sufficient temperature and intensity. Protect foam plastic insulation from exposure to open flame or other ignition sources during shipment, storage, and installation.

1.3 Installation Guidelines: To protect PROFOLD® PREMIUM once installed and to ensure it returns to its original dimensions after thermal expansion, follow these guidelines until cladding is installed over PROFOLD PREMIUM:

- 1.3.1 Eliminate or cover any surfaces reflecting sunlight onto PROFOLD PREMIUM or shield the affected areas.
- 1.3.2 Prolonged UV exposure may degrade the foam surface. If PROFOLD PREMIUM remains exposed on the wall for more than 30 days, cover it.
  Note: Faded printing on PROFOLD PREMIUM facers is normal and does not affect performance.
- 1.3.3 Make sure all panel edges and butt joints are tightly fitted for optimal performance.

2.0 Useful Tools and Materials

2.1 Tape and Flashing:

- 2.1.1 For Water-Resistive Barrier (WRB) applications, use approved tapes that comply with AAMA 711 or AC 148 to seal all seams.
- 2.1.2 For non-WRB applications and for window, door, and penetration details, use approved tapes or flashings that comply with AAMA 711 or AC 148.
- 2.1.3 For maximum air sealing, consider sealing all fasteners and penetrations.

2.2 Approved Fastener Types:

- 2.2.1 Button Cap Nails
- 2.2.2 Button Cap Staples
- 2.2.3 Screws and Washers
- 2.2.4 Roofing Nails

2.3 Other Tools:

- 2.3.1 Tape Measure
- 2.3.2 Straight Edge
- 2.3.3 Utility Knife
- 2.3.4 Chalk Line
- 2.3.5 Hammer or Cap Stapler

3.0 PROFOLD® PREMIUM Products provide several enhanced benefits

3.1 PROFOLD PREMIUM is made with Graphite-enhanced Expanded Polystyrene (GPS), delivering up to 20% greater insulating performance than standard EPS of equal thickness.

3.2 PROFOLD PREMIUM can be used in place of standard house wrap as the WRB when all seams are taped.

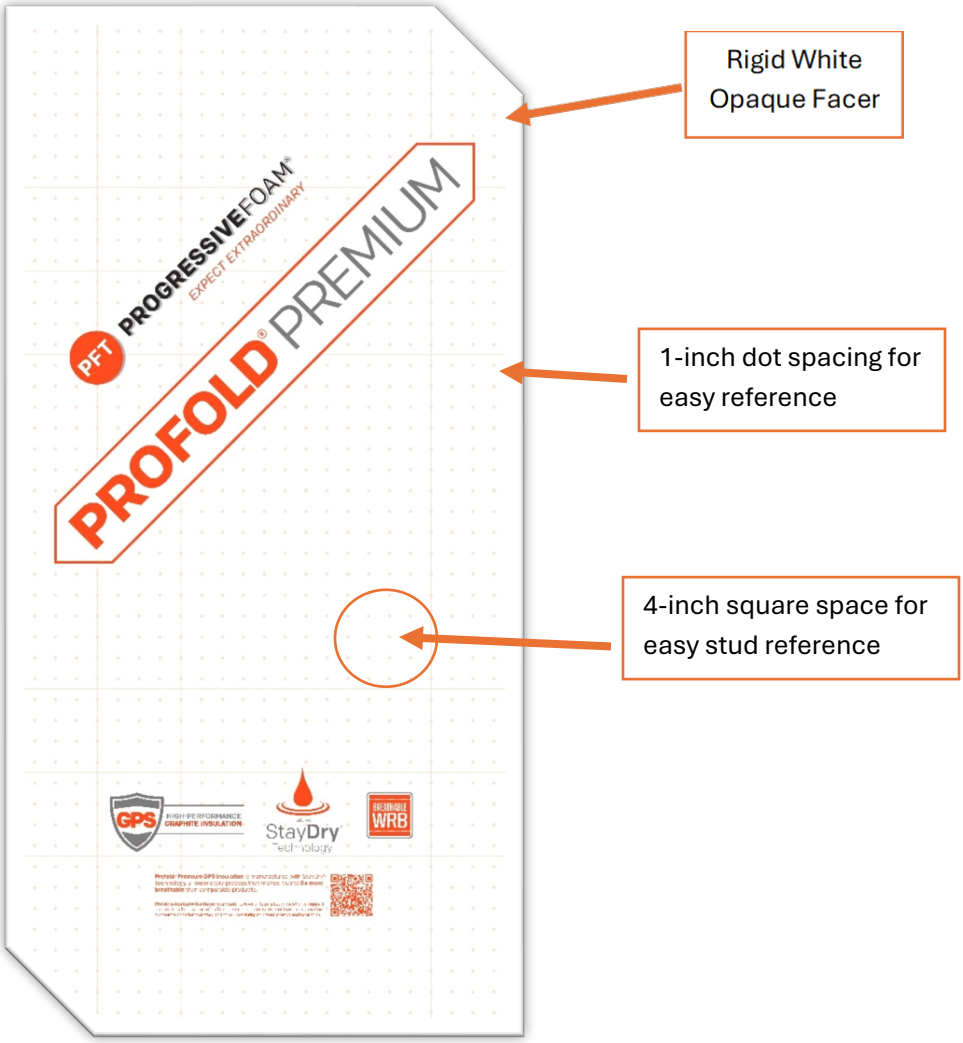
3.3 Cut-and-fold hinge design lets each bundle unfold continuously and lay flat once installed.

3.4 Durable plastic film facers (minimum 1 mil) for added toughness on the job site.

3.5 Lightweight panels are easy to handle, cut, and install over new or existing sheathing.

3.6 Treated with PREVENTOL® TM EPS to protect the foam from termite and boring insect damage.

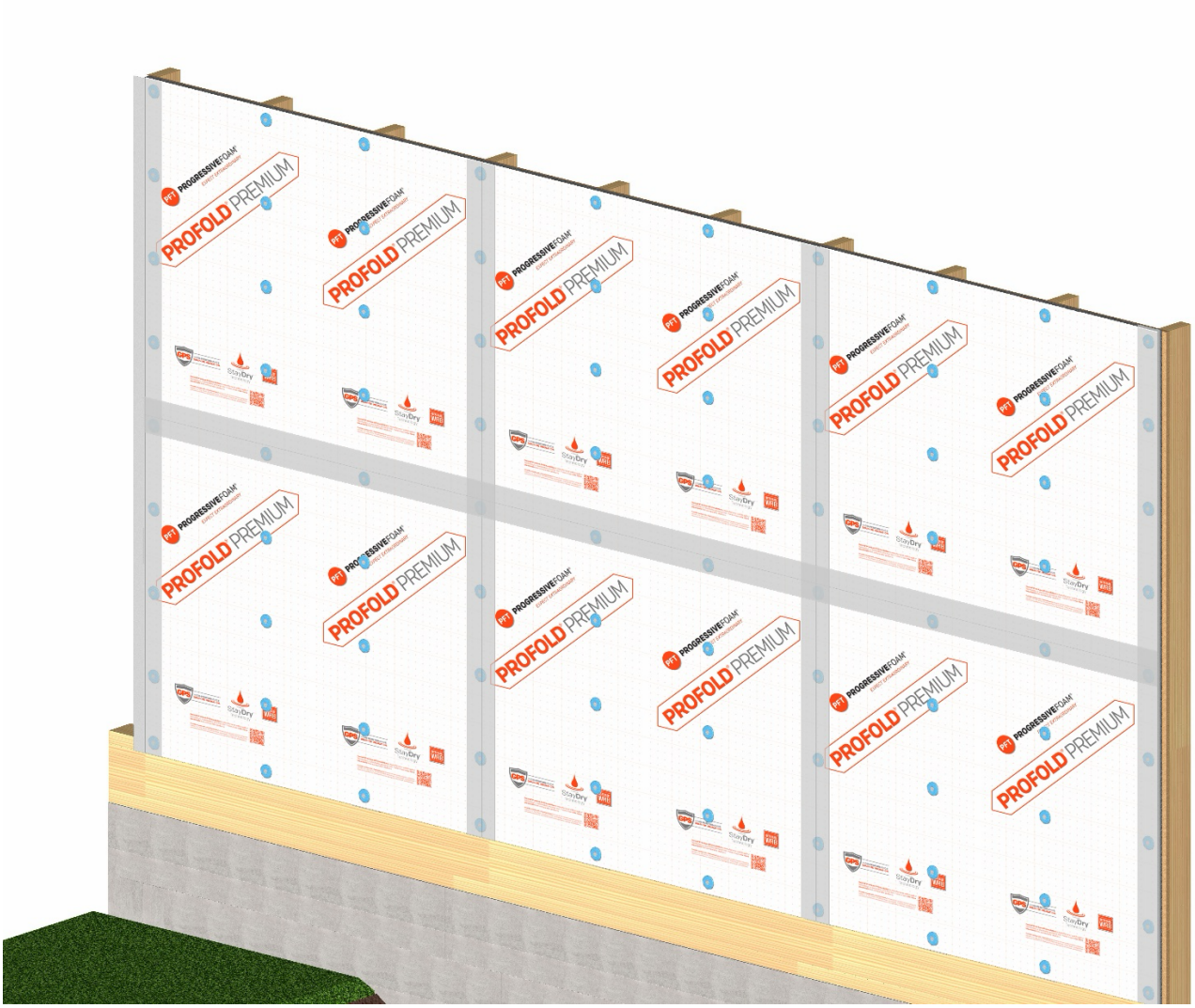
3.7 StayDry® Technology provides maximum breathability with a Class III designation.



4.0 PROFOLD PREMIUM is suitable for exterior above-grade wall applications

PROFOLD PREMIUM is designed for exterior above-grade walls under new siding in residential and light commercial buildings, all while providing code-approved, high-quality products for building needs.

PROFOLD PREMIUM is not approved as structural sheathing or a nailing base and is not intended for below-grade, below-slab, interior, or attic and crawl space applications.



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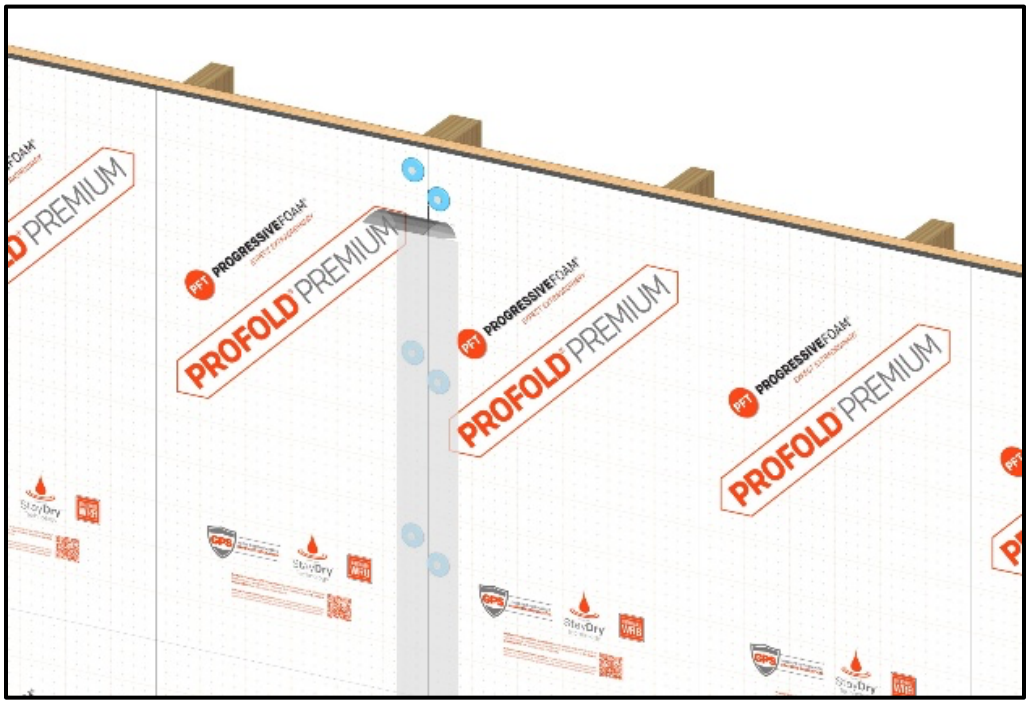
5.0 Installation Instructions: PROFOLD PREMIUM WRB Application Above Grade

The instructions below are for a typical installation above grade. PROFOLD PREMIUM is designed to be used in place of standard house wrap but can also be used in conjunction with house wrap.

Note: PROFOLD PREMIUM is designed with a printed facer side and an unprinted reflective facer side. The printed side is intended to be installed toward the exterior of the structure.

5.1 Fasten the PROFOLD PREMIUM to the wall.

- 5.1.1 PROFOLD PREMIUM is designed to be fastened to a wall substrate such as OSB or plywood.
- 5.1.2 Follow local building codes for fastener types, penetration depths, and fastening schedules. For general guidance, see section 7.0, Fastener Types and Nailing Patterns.
- 5.1.3 Start at a corner. Unfold the bundle and install the panels horizontally, with the hinge folds running vertically, working along the wall. Keep the bottom edge level and aligned with the siding starter course.
- 5.1.4 Butt adjacent bundles and panel edges tightly together. Cut panels to fit around windows, doors, and penetrations with a utility knife and straight edge.



5.1.5 Once the product is installed on the wall, tape all seams with approved tapes that comply with AAMA 711 or AC 148. Taping all seams is required for PROFOLD PREMIUM to qualify as a WRB.

5.1.5.1 Ensure all vertical and horizontal joints/seams are completely covered with the tape, allowing for a minimum of 1" overlap on each side of the joint/seam.

5.1.5.2 Where joints/seams intersect (T-joints), ensure the tape strips overlap each other by a minimum of 1". Vertical tape should extend past the horizontal tape by a minimum of 1".

5.1.5.3 Tape all edges around windows, doors, and penetrations, and integrate with the window and door flashing.

5.1.5.4 Place fasteners along the panel joints so the seam tape covers each fastener head. Any fastener not covered by seam tape must be covered with tape.

5.1.5.5 Tape every exposed hinge joint that faces outward.

5.1.5.6 Smooth out any excessive wrinkles or imperfections of the tape to eliminate the risk of moisture penetration.

5.1.5.7 All vertical tape joints should overlap the horizontal joints by 1" to allow maximum water drainage.

5.2 Install the cladding per the siding manufacturer's instructions. Siding fasteners must pass through the insulation and into the framing or structural sheathing; increase fastener length by at least the thickness of PROFOLD PREMIUM.

6.0 Installation Instructions: PROFOLD PREMIUM for Non-WRB Application Above Grade

The instructions below are for a typical installation above grade where PROFOLD PREMIUM is not used as the WRB. In this application, PROFOLD PREMIUM is designed to be used in conjunction with standard house wrap.

6.1 Prepare the wall.

- 6.1.1 Remove or secure loose siding, trim, and protruding nails. Repair damaged sheathing.
- 6.1.2 Install the WRB over the sheathing per the WRB manufacturer's instructions and local code. Flash all windows, doors, and penetrations before installing PROFOLD PREMIUM.

6.2 Fasten the PROFOLD PREMIUM to the wall.

- 6.2.1 PROFOLD PREMIUM is fastened through the WRB into the wall substrate such as OSB or plywood.
- 6.2.2 Follow local building codes for fastener types, penetration depths, and fastening schedules. For general guidance, see section 7.0, Fastener Types and Nailing Patterns.
- 6.2.3 Start at a corner and install the panels vertically, keeping the bottom edge level. Butt adjacent bundles and panel edges tightly together. Seam taping is not required.

6.3 Install the cladding per the siding manufacturer's instructions, increasing fastener length by at least the thickness of PROFOLD PREMIUM.

7.0 Installation Instructions: Fastener Types and Nailing Patterns

Fasteners with washers or caps are recommended to ensure maximum security to the wall substrate.

7.1 Fastener types include, but are not limited to:

- Button Cap or Plastic Cap Nails
- Roofing Nails with at least 1/2" Heads
- Button Cap or Plastic Cap Staples
- Wood Screws with Metal Roofing Washers

7.2 PROFOLD PREMIUM Nailing Patterns: The instructions below are guidelines for installing PROFOLD PREMIUM over sheathing and vertical stud walls.

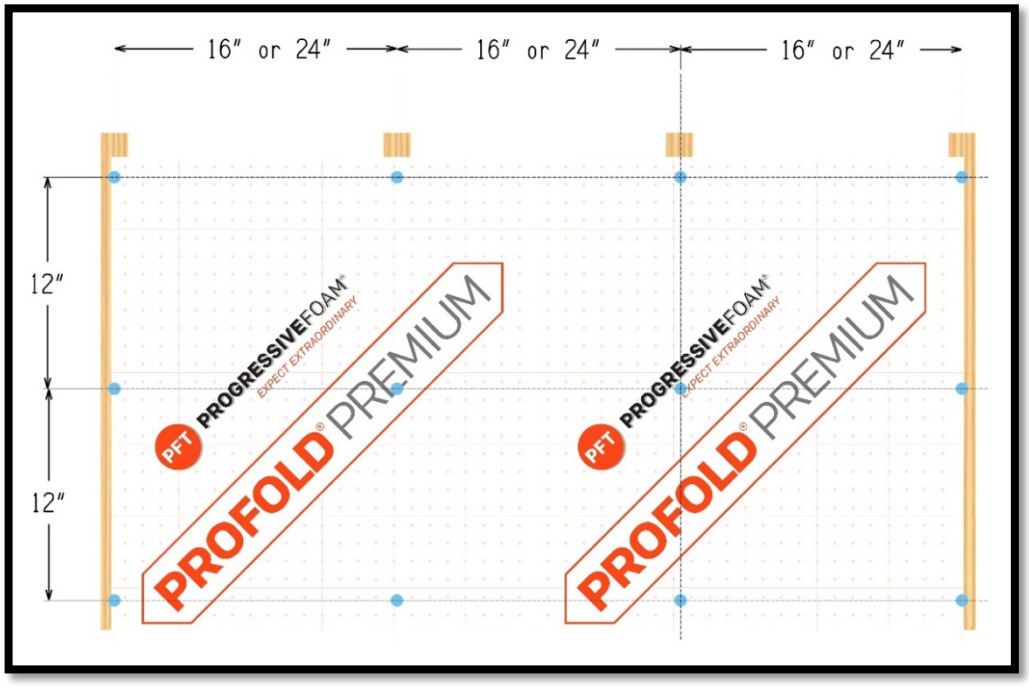
7.2.1 For WRB installations all joint seams must be sealed with approved tapes that comply with AAMA 711 or AC 148.

7.2.2 See local building codes for required fastener lengths and penetration details.

7.2.3 Fasten along each vertical panel joint over the studs (16" on center), spaced 10"–16" apart going up the wall. Place a fastener on each side of the joint, offset as shown in the fastening schedule. *Note: No fasteners should be placed within 6" of an opening.*

7.2.4 Use enough fasteners to keep panels flat and secure against wind until cladding is applied. Add fasteners if the wall will be exposed for an extended period.

7.2.5 Do not overdrive fasteners; heads should be snug to the facer without crushing the foam insulation.



8.0 Installation Instructions: Product Repairs

Job sites can be hazardous during the installation process. Below are a few tips to ensure maximum performance before PROFOLD PREMIUM is covered with exterior cladding.

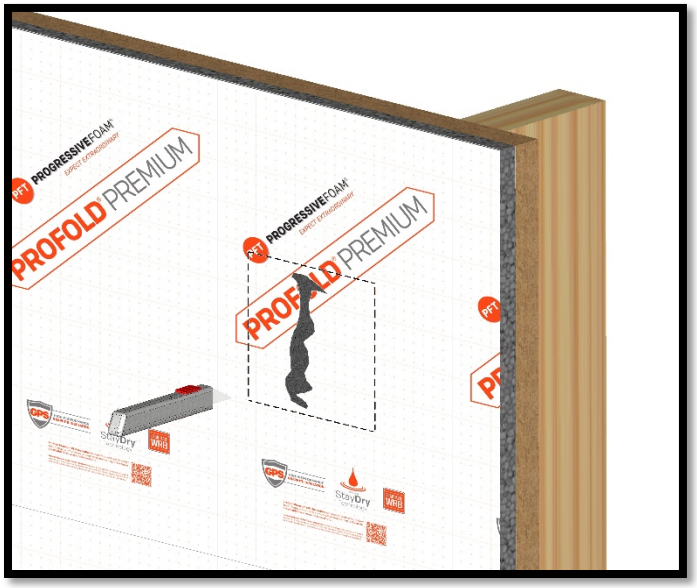
- Review the installation to ensure the panels are properly installed and tightly butted.
- For WRB installations, look for rips or tears in the taped seams.
- For non-WRB installations, check the house wrap behind the panels for rips or tears.
- Look for damaged areas and mark them for repair.

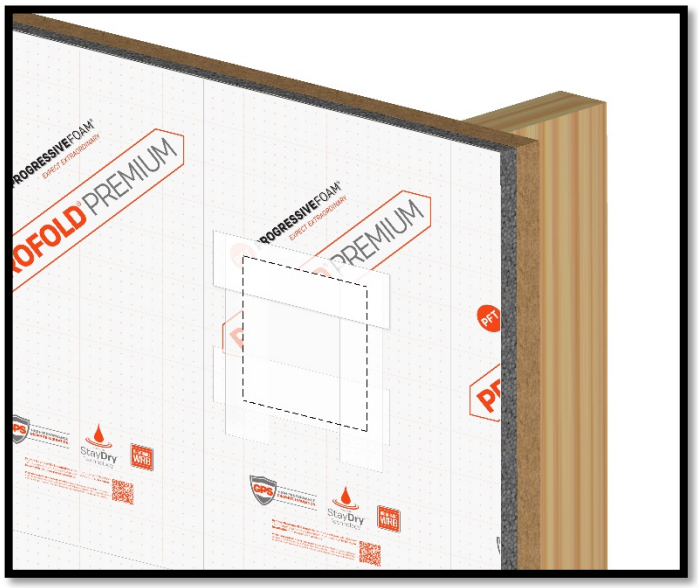
8.1 Repairs

8.1.1 Safely cut around the damaged area and remove the damaged product.

8.1.1.1 Replace the damaged section with a snug-fitting new section of PROFOLD PREMIUM and fasten per section 7.0. For WRB installations, tape all seams of the replaced section with approved tapes that comply with AAMA 711 or AC 148.

8.1.1.2 If the damage is minor and can be covered by a single layer of tape, tape over the damage and smooth the edges for desired results.





9.0 Disclaimer and Limitation of Liability

The statements and data contained in this document prepared by Progressive Foam Technologies, Inc. (PFT) are for general information purposes ONLY. They are NOT specific technical recommendations as to any particular design or application and the ultimate determination as to product suitability is the sole responsibility of the installer or end user. However, for any PFT product to properly perform, it must be explicitly installed in the manner described herein. Any warranty is void if there is any deviation from these installation instructions, or any use of PFT products in any other manner unless described herein and will not be honored by PFT. All warranties, conditions, and other terms implied by statute or common law are excluded to the maximum extent permitted by applicable laws. Unless expressly provided, this document and the information, products, and services described herein are provided "as is" without warranty of any kind. We do not warrant or represent that the products and services (or the information, material or services supplied to us on which all or part of the products and services depends) will be delivered free of any inaccuracies, interruptions, delays, omissions or errors ("Faults"), or that all Faults will be corrected. We shall not be liable for any loss, damage or cost resulting from any such Faults. You assume sole responsibility and entire risk as to the suitability and results obtained from use of the products and services, and any decisions made or actions taken based on the information contained in this document. You are solely responsible for the preparation, content, accuracy, and review of any documents, data, or output prepared or resulting from the use of the products and services. In no event shall PFT or its third-party providers be liable for any penalties, interest, or taxes assessed by any governmental or regulatory authority. Although the information herein, including PFT product descriptions, is believed to be correct at the time of publication, accuracy cannot be guaranteed, and results may vary depending on the design and/or application. PFT fully reserves the right to make product specification changes, without notice or obligation, and to modify or discontinue any of its products at any time. In no event shall PFT be liable for any direct, indirect, or consequential damages of any kind arising from information contained in this document, including, but not limited to, claims for loss of profits, business interruption, or damages to business reputation. This limitation of liability shall apply to all claims whether those claims are based in contract, tort, or any other legal cause of action. When penetrating or adhering to a PFT product, PFT recommends referring to the attachment and membrane manufacturers to secure additional direction on installation method and material compatibility. Fastening connections should be designed to withstand all the combined applied loads, including but not limited to dead load and wind load. Where applicable, consideration should be given to seismic load and live load (not covered in this guide). It is the responsibility of the manufacturers of the fastenings or adhesives to comment on the performance of their products when managing the loads of PFT insulation materials and other assembly components. PFT makes no representations or warranties, express or implied, with respect to its recommendations for attaching the semi-rigid and rigid board products and all warranties are disclaimed.