PANGO® WRAP
TERMITE AND VAPOR BARRIER

A PROVEN PHYSICAL BARRIER AGAINST FORMOSAN TERMITES AND MOISTURE VAPOR

The Stego Life of The Building™ Warranty
As the construction industry leader in below-slab barrier materials, Stego offers the first-of-its-kind warranty for its line of vapor barriers and retarders. Warranty information available online at: stegoindustries.com/legal
Pango Wrap provides a sustainable* and effective solution for the market.
Not only does Pango Wrap provide a barrier that protects your home against unwanted pests, it prevents moisture vapor from causing damage to building components, and greatly impedes the influx of soil gases like radon and methane.

Green construction codes such as the National Green Building Standard (NGBS or ICC 700) are moving the market towards more sustainable protection methods for termite control.

Pango Wrap is Home Innovation NGBS Green Certified. Four points can be earned for the NGBS under Termite Barrier (602.1.5) where a continuous physical foundation termite barrier with low toxicity and no chemical treatments are installed in geographical areas with subterranean termite infestation potential. Pango Wrap is safe for the environment.*

Subterranean termites cause billions of dollars in building damage annually. Experts estimate that termites damage more than 600,000 homes in the United States each year.

*Stego-defined terms defined at stegoindustries.com/legal

Continued...

Note – legal notice on last page.
THE PANGO WRAP ADVANTAGE

Pango Wrap is made from game-changing resin technology and provides high performance and longevity as a physical barrier. Alternatively, chemical spray solutions must be reapplied to have a chance of being effective long-term against aggressive, subterranean termites. Such termiticides are known to dissipate in effectiveness over time. Pango Wrap provides a long-term solution and may allow builders to greatly reduce or eliminate the use of chemical termiticides for below-slab termite control by using a physical barrier.

Historically, building code minimums have driven the selection of below-slab vapor retarders. Unfortunately, in the case of below-slab moisture protection, generic 6-mil polyethylene is grossly inadequate to prevent moisture and soil gas issues. Not only do generic, highly recycled polyethylene products rip and tear during installation, they are also known to degrade over time leaving your building with little or no protection.

PANGO WRAP combines low permeance, high strength, and longevity to deliver a revolutionary solution to the construction industry.

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation methodology derived from extensive lab and field work based on the principles found in ASTM E1643 and finally validated through pressure stress testing of simulated installations</td>
<td>Fully intact, dependable installation</td>
</tr>
<tr>
<td>15-mil, multi-layer material</td>
<td>Exceptional durability as a result of robust physical properties</td>
</tr>
<tr>
<td>14 ft wide rolls</td>
<td>Minimize seams</td>
</tr>
<tr>
<td>ASTM E1745 compliant</td>
<td>Designed to be installed below concrete slabs in commercial, residential, and industrial structures or in crawl space encapsulation applications</td>
</tr>
</tbody>
</table>

Independent, university testing proved the effectiveness of Pango Wrap as a barrier against Formosan termites, the most aggressive subterranean species. During the testing, termites destroyed the generic polyethylene control, while Pango Wrap exhibited zero penetrations from termites. Pango Wrap provided a successful proactive physical barrier for the wood food source under extremely heavy termite pressure. For more information on our independent testing, please contact Stego Industries’ Technical Department or visit our website at stegoindustries.com.

Continued...
PROTECTION
With Pango’s Full Line of Accessory Products

Pango® Tape
This low permeance pressure-sensitive adhesive has been engineered to bond specifically to Pango Wrap, making it ideal for sealing Pango Wrap seams and penetrations.

Pango Claw®
Pango Claw allows wet concrete to cast into the textured top surface to form a mechanical bond/seal.

Pango® Bond
A 100% solids, semi-rigid epoxy sealant ideal for sealing penetrations in Pango Wrap and sealing the terminating edges of Pango Wrap to horizontal and vertical surfaces.

Pango® Term Bar
A semi-flexible plastic termination bar used for mechanically securing Pango Wrap to concrete and masonry constructions and against Pango Bond.

Pango® Sealant
A high-performance epoxy sealant used with Pango Claw and Pango Sealant Form to efficiently seal clusters of multiple pipe penetrations.

Pango® Sealant Form
Designed to be used in conjunction with Pango Wrap, Pango Sealant and Pango Claw to provide a confined area in which Pango Sealant can be placed for sealing around penetrations in Pango Wrap.

INSTALLATION
As with any protection system, proper installation of Pango Wrap is critical to the products effectiveness. Pango Wrap and Pango Accessories make it easy to complete a successful installation. Refer to the complete Pango Wrap Installation Instructions and Warranty Information on the website: stegoindustries.com.

SUPPORT
Our network of Stego employees, representatives, and distributors ensure that the products we bring to market are both readily available and accompanied with excellent technical knowledge and field support when you need it.

CONTACT
To learn more about this new game-changing technology, contact us to get in touch with the nearest Stego representative. We look forward to working with you on your next project.

stegoindustries.com | 877-464-7834
1. PRODUCT NAME
PANGO WRAP TERMITE/VAPOR BARRIER

2. MANUFACTURER
Stego® Industries, LLC
216 Avenida Fabricante, Suite 101
San Clemente, CA 92672
Sales, Technical Assistance
Ph: (877) 464-7834
contact@stegoindustries.com
stegoindustries.com

3. PRODUCT DESCRIPTION
USES: Pango Wrap Termite/Vapor Barrier is used as a physical barrier against termites and water vapor.

COMPOSITION: Pango Wrap is a multi-layered plastic extrusion that combines uniquely designed materials with only high grade prime, virgin, polyolefin resins.

ENVIRONMENTAL FACTORS: Pango Wrap can be used in systems for the control of subterranean termites and soil gases. The use of Pango Wrap may allow for the reduced use of pesticides and soil poisons for new construction.

4. TECHNICAL DATA

<table>
<thead>
<tr>
<th>TABLE 1: PHYSICAL PROPERTIES OF PANGO WRAP TERMITE/VAPOR BARRIER</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPERTY</td>
</tr>
<tr>
<td>---------------------------------</td>
</tr>
<tr>
<td>Under Slab Vapor Retarders</td>
</tr>
<tr>
<td>Water Vapor Permeance</td>
</tr>
<tr>
<td>Puncture Resistance</td>
</tr>
<tr>
<td>Tensile Strength</td>
</tr>
<tr>
<td>Permeance After Conditioning (ASTM E1745 Sections 7.1.2 - 7.1.5)</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Methane Transmission Rate</td>
</tr>
<tr>
<td>Radon Diffusion Coefficient</td>
</tr>
<tr>
<td>Thickness</td>
</tr>
<tr>
<td>Roll Dimensions</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Roll Weight</td>
</tr>
</tbody>
</table>

Note: perm unit = grains/(ft²*hr*in-Hg)
** GTR = Gas Transmission Rate

Continued...
Note – legal notice on page 2.
5. INSTALLATION

UNDER SLAB: Unroll Pango Wrap over an aggregate, sand, or tamped earth base. Overlap all seams a minimum of 6 inches and tape using Pango® Tape or Pango Claw® Tape. All penetrations and terminating edges must be sealed using a combination of Pango Wrap and Pango Accessories.

Review Pango Wrap’s complete installation instructions prior to installation.

6. AVAILABILITY & COST

For cost and availability of Pango Wrap, please contact your local Stego Industries’ Sales Representative.

7. WARRANTY

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on Pango Wrap. Please see stegoindustries.com/legal

8. MAINTENANCE

None required.

9. TECHNICAL SERVICES

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

Email: contact@stegoindustries.com
Contact Number: (877) 464-7834
Website: stegoindustries.com

10. FILING SYSTEMS: stegoindustries.com
1. **PRODUCT NAME**

   PANGO TAPE

2. **MANUFACTURER**

   Stego® Industries, LLC
   216 Avenida Fabricante, Suite 101
   San Clemente, CA 92672
   Sales, Technical Assistance
   Ph: (877) 464-7834
   contact@stegoindustries.com
   stegoindustries.com

3. **PRODUCT DESCRIPTION**

   USES: Pango Tape is a low-permeance tape designed for protective sealing, hanging, seaming, splicing, and patching applications where a highly conformable material is required. It has been engineered to bond specifically to Pango® Wrap, making it ideal for sealing Pango Wrap seams and penetrations.

   COMPOSITION: Pango Tape is composed of polyethylene film and an acrylic, pressure-sensitive adhesive.

   SIZE: Pango Tape is 3.75” x180’. Pango Tape ships 12 rolls in a case.

4. **TECHNICAL DATA**

   **TABLE 1: PHYSICAL PROPERTIES OF PANGO TAPE**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Thickness</td>
<td></td>
<td>6 mil</td>
</tr>
<tr>
<td>Permeance</td>
<td>ASTM F1249 – Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor</td>
<td>0.074 perms</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting</td>
<td>11.18 lb/in</td>
</tr>
<tr>
<td>Elongation (at break) MD</td>
<td>ASTM D882 – Test Method for Tensile Properties of Thin Plastic Sheeting</td>
<td>650%</td>
</tr>
<tr>
<td>180° Peel Adhesion</td>
<td>PSTC 101 20-min dwell to Pango Wrap</td>
<td>45.8 oz/in width</td>
</tr>
<tr>
<td>Adhesion to Pango Wrap - Shear</td>
<td>PSTC 107 24-hour dwell to Pango Wrap</td>
<td>60.5 oz/in width</td>
</tr>
<tr>
<td></td>
<td>PSTC 107 24-hour dwell to Pango Wrap</td>
<td>(1” x 1”, 1kg wt)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3,088 min</td>
</tr>
</tbody>
</table>

   Note: perm unit = grains/(ft²*hr*in-Hg)

5. **INSTALLATION**

   SEAMS: Overlap Pango Wrap a minimum six inches and seal with Pango Tape. Make sure the area of adhesion is free from dust, dirt, moisture and frost to allow maximum adhesion of the pressure sensitive tape.

   PIPE PENETRATION SEALING: Create Pipe Boot/Collar out of a combination of Pango Wrap and Pango Tape. See full Pango installation instructions for details.

   Pango Tape should be installed above 40°F. In temperatures below 40°F, take extra care to remove moisture or frost from the area of adhesion. Ensure that the entirety of all seams are taped with applied pressure to allow for maximum and continuous adhesion of the pressure-sensitive Pango Tape.

   Review Pango Wrap’s complete installation instructions prior to installation.

*Continued...*

*Note - legal notice on page 2.*
6. **Availability & Cost**

Pango Tape is available through our network of building supply distributors. For current cost information, contact your local Pango distributor or Stego Industries’ Sales Representative.

7. **WARRANTY**

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on Pango Wrap. Please see stegoindustries.com/legal

8. **MAINTENANCE**

Store Pango Tape in a dry and temperate area.

9. **TECHNICAL SERVICES**

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

   Email: contact@stegoindustries.com  
   Contact Number: (877) 464-7834  
   Website: stegoindustries.com

10. **FILING SYSTEMS:** stegoindustries.com
1. PRODUCT NAME
PANGO CLAW (3” WIDE)

2. MANUFACTURER
Stego® Industries, LLC
216 Avenida Fabricante, Suite 101
San Clemente, CA 92672
Sales, Technical Assistance
Ph: (877) 464-7834
contact@stegoindustries.com
stegoindustries.com

3. PRODUCT DESCRIPTION
USES: Pango Claw is a multi-layered tape that is used to seal Pango® Wrap along its terminating edges (interior and perimeter) to the slab while the concrete is placed. Pango Claw allows wet concrete to cast into the textured top surface to form a mechanical bond/seat.

COMPOSITION: Pango Claw is composed of polyethylene film, aperture film, and an acrylic, pressure-sensitive adhesive.

SIZE: Pango Claw (3” Wide) is 3” X 180’. Pango Claw (3” Wide) ships 16 rolls in a case.

4. TECHNICAL DATA

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Thickness</td>
<td></td>
<td>26 mil</td>
</tr>
<tr>
<td>Permeance</td>
<td>ASTM F1249 – Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor</td>
<td>0.074 perms</td>
</tr>
<tr>
<td>180° Adhesion Peel Strength</td>
<td>ASTM D903</td>
<td>10.0 lbf/in.</td>
</tr>
<tr>
<td>Shear Adhesion Strength</td>
<td>1 in² shear test using an Instron 3345 Machine</td>
<td>31 lbf/in²</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
<td>3” x 180’</td>
</tr>
</tbody>
</table>

Note: perm unit = grains/(ft²*hr*in-Hg)

5. INSTALLATION
UNDER SLAB: Clean surface of Pango Wrap to ensure that it is free of moisture, frost, dirt, and debris prior to the installation of Pango Claw. When ready to apply Pango Claw, peel back the release liner and apply to Pango Wrap. Pango Claw should be completely on Pango Wrap.

To detail, cut Pango Claw with a box knife or scissors. Pango Claw should be installed above 40°F for maximum adhesion. For additional information please refer to Pango’s complete installation instructions.

TIP: Wrap the release liner back over the entire roll while unrolling Pango Claw. This technique will allow the release liner to pull off easily and keep it out of the way.

Review Pango Wrap’s complete installation instructions prior to installation.
6. Availability & Cost

Pango Claw (3” Wide) is available through our network of building supply distributors. For current cost information, contact your local Pango distributor or Stego Industries’ Sales Representative.

7. WARRANTY

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on Pango Wrap. Please see stegoindustries.com/legal

8. MAINTENANCE

Store Pango Claw in a dry and temperate area.

9. TECHNICAL SERVICES

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

Email: contact@stegoindustries.com
Contact Number: (877) 464-7834
Website: stegoindustries.com

10. FILING SYSTEMS: stegoindustries.com
1. PRODUCT NAME
PANGO BOND

2. MANUFACTURER
Stego® Industries, LLC
216 Avenida Fabricante, Suite 101
San Clemente, CA 92672
Sales, Technical Assistance
Ph: (877) 464-7834
contact@stegoindustries.com
stegoindustries.com

3. PRODUCT DESCRIPTION
USES: Pango Bond is designed to be used as a physical barrier to subterranean termites in conjunction with Pango® Wrap and Pango Claw® and Pango® Term Bar. Pango Bond can be used as an alternate to detail patches for penetrations in Pango Wrap and to seal to foundation constructions.

COMPOSITION: Pango Bond is a two-component, 100% solids, semi-rigid epoxy sealant.

SIZE: Pango Bond comes in a 4-gallon kit size: Two 1-gallon cans of Part A (Resin) and two 1-gallon cans of Part B (Hardener).

COVERAGE: 96ft² @ 60-mils per kit (4 gallons of product).

4. TECHNICAL DATA

TABLE 4.1: PHYSICAL PROPERTIES OF PANGO BOND

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mix Ratio (A:B by volume)</td>
<td></td>
<td>1:1</td>
</tr>
<tr>
<td>Mixed Viscosity</td>
<td></td>
<td>Gel</td>
</tr>
<tr>
<td>Gel Time (100 g)</td>
<td></td>
<td>50-60 mins</td>
</tr>
<tr>
<td>Pot Life (full unit)</td>
<td></td>
<td>30-45 mins</td>
</tr>
<tr>
<td>Tack Free Time</td>
<td></td>
<td>5-6 hours</td>
</tr>
<tr>
<td>Shore A Hardness</td>
<td>ASTM D2240</td>
<td>80-90</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D638</td>
<td>800 psi</td>
</tr>
<tr>
<td>Tensile Elongation %</td>
<td>ASTM D638</td>
<td>95-105%</td>
</tr>
<tr>
<td>Water Vapor Permeance</td>
<td>ASTM F1249</td>
<td>0.015 perms @ 60-mils</td>
</tr>
</tbody>
</table>

Note: perm unit = grains/(ft²*hr*in-Hg)
All data are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

5. INSTALLATION
PREPARATION:
• A test application simulating the project environment should always be done prior to final usage of Pango Bond.
• All surfaces should be dry and free of loose materials, oils, and other contaminants. The surfaces should be cleaned in the same fashion as the test surface in order to ensure proper application.
• Pango Bond can be applied by trowel or bulk caulking gun at various spread rates. Optimum ambient temperature is between 50-90°F during application. Note: Cure times are affected by ambient and surface temperatures. Temperatures of 40°F and lower can slow cure times. Temperatures of 90°F and higher will speed up cured times and reduce working time.

Continued...

Note: legal notice on page 2.
5. INSTALLATION  Continued...

PREPARATION  Continued...
• Mix the following with a drill and mixing paddle (Note: If using a drill mixer, use a low speed [not to exceed 300 rpm] to prevent air entrapment):
  - Premix Part A and Part B separately. Combine 1 part by volume of Part A to 1 part by volume of Part B and mix thoroughly. Do not thin. Scrape the side and bottom of the mixing container to assure uniform and complete mixing. Mix for 2-3 minutes. Do not aerate mix.

TO FOUNDATIONS: Apply Pango Bond along the wall or other surface just below the anticipated height of the terminating edge of Pango Wrap. Apply Pango Bond in a continuous bead such that, when the wrap is pressed against Pango Bond, a roughly 2-inch wide continuous strip will be created behind the subsequently applied Pango Term Bar. Press Pango Wrap firmly against Pango Bond and utilize Pango Term Bar to secure in place. Apply additional Pango Bond over the lip of the wrap and/or Pango Term Bar to ensure a consistent seal.

PENETRATIONS: To repair around multiple or single penetrations in Pango Wrap, cut a hole in Pango Wrap that minimizes the void space between the edge of the outermost penetrations and the edge of Pango Wrap. Install Pango Claw within one inch of the edge of the wrap, following its contour as best as possible, while avoiding overlapping Pango Claw onto itself. Apply Pango Bond against the penetration(s) and over the adjacent wrap, extending Pango Bond at least an inch over Pango Claw's textured surface. Apply sufficient Pango Bond to create a continuous mass that extends from its terminating point over Pango Claw and slopes uniformly up each encompassed penetration.

Review Pango Wrap’s complete installation instructions prior to installation.

6. AVAILABILITY & COST

Pango Bond is available through our network of building supply distributors. For current cost information, contact your local Pango distributor or Stego Industries’ Sales Representative.

7. WARRANTY

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on Pango Wrap. Please see stegoindustries.com/legal

8. MAINTENANCE

Store locked up in a dry and temperate area.

9. TECHNICAL SERVICES

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

Email: contact@stegoindustries.com
Contact Number: (877) 464-7834
Website: stegoindustries.com

10. FILING SYSTEMS: stegoindustries.com
1. **PRODUCT NAME**

PANGO SEALANT

2. **MANUFACTURER**

Stego® Industries, LLC  
216 Avenida Fabricante, Suite 101  
San Clemente, CA 92672  
Sales, Technical Assistance  
Ph: (877) 464-7834  
contact@stegoindustries.com  
stegoindustries.com

3. **PRODUCT DESCRIPTION**

USES: Pango Sealant is designed to be used as a physical barrier to subterranean termites in conjunction with Pango® Wrap, Pango Claw®, and Pango® Sealant Form. Pango Sealant can be used as an alternate to detail patches for penetrations in Pango Wrap.

COMPOSITION: Pango Sealant is a two-component, 100% solids, semi-rigid epoxy sealant.

SIZE: Pango Sealant comes in a 4-gallon kit size: Two 1-gallon cans of Part A (Resin) and two 1-gallon cans of Part B (Hardener).

COVERAGE: 96 ft² @ 60-mils per kit (4 gallons of product).

4. **TECHNICAL DATA**

**TABLE 4.1: PHYSICAL PROPERTIES OF PANGO SEALANT**

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<tr>
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<th>RESULTS</th>
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<tbody>
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</tr>
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<td></td>
<td>4,000 - 7,000 cp</td>
</tr>
<tr>
<td>Gel Time (100 g)</td>
<td></td>
<td>50-60 mins</td>
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</tr>
<tr>
<td>Tack Free Time</td>
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<td>5-6 hours</td>
</tr>
<tr>
<td>Shore A Hardness</td>
<td>ASTM D2240</td>
<td>80-90</td>
</tr>
<tr>
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<tr>
<td>Water Vapor Permeance</td>
<td>ASTM F1249</td>
<td>0.015 perms @ 60-mils</td>
</tr>
</tbody>
</table>

Note: perm unit = grains/(ft²*hr*in-Hg)
All data are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

5. **INSTALLATION**

PREPARATION:
- A test application simulating the project environment should always be done prior to final usage of Pango Sealant.
- All surfaces should be dry and free of loose materials, oils, and other contaminants. The surfaces should be cleaned in the same fashion as the test surface in order to ensure proper application.
- Pango Sealant can be applied by pouring, brush, roller or bulk caulking gun at various spread rates. Optimum ambient temperature is between 50-90°F during application. Note: Cure times are affected by ambient and surface temperatures. Temperatures of 40°F and lower can slow cure times. Temperatures of 90°F and higher will speed up cured times and reduce working time.
5. **INSTALLATION  Continued...**

**PREPARATION  Continued...**
- Mix the following with a drill and mixing paddle [Note: If using a drill mixer, use a low speed [not to exceed 300 rpm] to prevent air entrapment]:
  - Premix Part A and Part B separately. Combine 1 part by volume of Part A to 1 part by volume of Part B and mix thoroughly. Do not thin. Scrape the side and bottom of the mixing container to assure uniform and complete mixing. Mix for 2-3 minutes. Do not aerate mix.

**PENETRATIONS:**
- To repair around multiple or large penetrations in Pango Wrap, cut a hole in Pango Wrap that minimizes the void space between the edge of the outermost penetrations and the edge of Pango Wrap.
- Install Pango Claw within one inch of the edge of the wrap, following its contour as best as possible, being careful not to overlap Pango Claw onto itself.
- Install Pango Sealant Form along the outer edge of Pango Claw without overlapping its textured surface.
- Pour Pango Sealant completely inside of the Pango Sealant Form to create a seal around the encompassed penetrations.
- If the void space between Pango Wrap and the penetrations is not minimized and/or the base course allows for too much drainage of the sealant, a second application of Pango Sealant may be needed after the first application has cured.

Review Pango Wrap’s complete installation instructions prior to installation.

6. **AVAILABILITY & COST**

Pango Sealant is available through our network of building supply distributors. For current cost information, contact your local Pango distributor or Stego Industries’ Sales Representative.

7. **WARRANTY**

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on Pango Wrap. Please see [stegoindustries.com/legal](http://stegoindustries.com/legal)

8. **MAINTENANCE**

Store locked up in a dry and temperate area.

9. **TECHNICAL SERVICES**

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

**Email:** contact@stegoindustries.com  
**Contact Number:** (877) 464-7834  
**Website:** stegoindustries.com

10. **FILING SYSTEMS:** stegoindustries.com
1. PRODUCT NAME
   PANGO SEALANT FORM

2. MANUFACTURER
   Stego® Industries, LLC
   216 Avenida Fabricante, Suite 101
   San Clemente, CA 92672
   Sales, Technical Assistance
   Ph: (877) 464-7834
   contact@stegoindustries.com
   stegoindustries.com

3. PRODUCT DESCRIPTION
   USES: Pango Sealant Form is designed to be used in conjunction with Pango® Wrap, Pango® Sealant, and Pango Claw®; it is engineered to adhere to Pango Wrap and provide a confined area in which Pango Sealant can be placed for sealing around penetrations in Pango Wrap.

   COMPOSITION: Pango Sealant Form is a low-density, cross-linked, closed-cell polyethylene foam with an acrylic, pressure-sensitive adhesive.

   SIZE: Pango Sealant Form is ½” x ½” x 24”. Pango Sealant Form comes in 200 pieces per case (10 boxes of 20 pieces).

4. TECHNICAL DATA
   **TABLE 4.1: PHYSICAL PROPERTIES OF PANGO SEALANT FORM**
<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>½” x ½” x 24”</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Weight</td>
<td>0.11 oz (3.1 grams)</td>
</tr>
</tbody>
</table>

5. INSTALLATION
   PENETRATIONS: Make sure the area of adhesion is free of dust, dirt, debris, moisture, and frost to allow maximum adhesion. Pango Sealant Form should be used in conjunction with Pango Claw when sealing around penetrations with Pango Sealant. When ready to apply Pango Sealant Form, remove the release liner and press Pango Sealant Form firmly against Pango Wrap and along the outer edge of Pango Claw, following its path while not overlapping its textured surface. Conversely, install Pango Sealant Form first and subsequently apply Pango Claw along the form’s interior edge. Install Pango Sealant Form between 40°F and 110°F. Pour Pango Sealant completely inside of the Pango Sealant Form to create a seal around the encompassed penetrations.

   Review Pango Wrap’s complete installation instructions prior to installation.

6. AVAILABILITY & COST
   Pango Sealant Form is available through our network of building supply distributors. For current cost information, contact your local Pango distributor or Stego Industries’ Sales Representative.
7. WARRANTY

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on Pango Wrap. Please see stegoindustries.com/legal

8. MAINTENANCE

Store Pango Sealant Form in a dry and temperate area.

9. TECHNICAL SERVICES

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

Email: contact@stegoindustries.com
Contact Number: (877) 464-7834
Website: stegoindustries.com

10. FILING SYSTEMS: stegoindustries.com
**1. PRODUCT NAME**

PANGO BOND

**2. MANUFACTURER**

Stego® Industries, LLC  
216 Avenida Fabricante, Suite 101  
San Clemente, CA 92672  
Sales, Technical Assistance  
Ph: (877) 464-7834  
contact@stegoindustries.com  
stegoindustries.com

**3. PRODUCT DESCRIPTION**

USES: Pango Bond is designed to be used as a physical barrier to subterranean termites in conjunction with Pango® Wrap and Pango Claw® and Pango® Term Bar. Pango Bond can be used as an alternate to detail patches for penetrations in Pango Wrap and to seal to foundation constructions.

COMPOSITION: Pango Bond is a two-component, 100% solids, semi-rigid epoxy sealant.

SIZE: Pango Bond comes in a 4-gallon kit size: Two 1-gallon cans of Part A (Resin) and two 1-gallon cans of Part B (Hardener).

COVERAGE: 96 ft² @ 60-mils per kit (4 gallons of product).

**4. TECHNICAL DATA**

**TABLE 4.1: PHYSICAL PROPERTIES OF PANGO BOND**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mix Ratio (A:B by volume)</td>
<td></td>
<td>1:1</td>
</tr>
<tr>
<td>Mixed Viscosity</td>
<td></td>
<td>Gel</td>
</tr>
<tr>
<td>Gel Time (100 g)</td>
<td></td>
<td>50-60 mins</td>
</tr>
<tr>
<td>Pot Life (full unit)</td>
<td></td>
<td>30-45 mins</td>
</tr>
<tr>
<td>Tack Free Time</td>
<td></td>
<td>5-6 hours</td>
</tr>
<tr>
<td>Shore A Hardness</td>
<td>ASTM D2240</td>
<td>80-90</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D638</td>
<td>800 psi</td>
</tr>
<tr>
<td>Tensile Elongation %</td>
<td>ASTM D638</td>
<td>95-105%</td>
</tr>
<tr>
<td>Water Vapor Permeance</td>
<td>ASTM F1249</td>
<td>0.015 perms @ 60-mils</td>
</tr>
</tbody>
</table>

Note: perm unit = grains/(ft²·hr·in-Hg)  
All data are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

**5. INSTALLATION**

PREPARATION:
- A test application simulating the project environment should always be done prior to final usage of Pango Bond.
- All surfaces should be dry and free of loose materials, oils, and other contaminants. The surfaces should be cleaned in the same fashion as the test surface in order to ensure proper application.
- Pango Bond can be applied by trowel or bulk caulking gun at various spread rates. Optimum ambient temperature is between 50-90°F during application. Note: Cure times are affected by ambient and surface temperatures. Temperatures of 40°F and lower can slow cure times. Temperatures of 90°F and higher will speed up cured times and reduce working time.
5. INSTALLATION  Continued...

PREPARATION  Continued...
• Mix the following with a drill and mixing paddle (Note: If using a drill mixer, use a low speed [not to exceed 300 rpm] to prevent air entrapment):
  - Premix Part A and Part B separately. Combine 1 part by volume of Part A to 1 part by volume of Part B and mix thoroughly. Do not thin. Scrape the side and bottom of the mixing container to assure uniform and complete mixing. Mix for 2-3 minutes. Do not aerate mix.

TO FOUNDATIONS: Apply Pango Bond along the wall or other surface just below the anticipated height of the terminating edge of Pango Wrap. Apply Pango Bond in a continuous bead such that, when the wrap is pressed against Pango Bond, a roughly 2-inch wide continuous strip will be created behind the subsequently applied Pango Term Bar. Press Pango Wrap firmly against Pango Bond and utilize Pango Term Bar to secure in place. Apply additional Pango Bond over the lip of the wrap and/or Pango Term Bar to ensure a consistent seal.

PENETRATIONS: To repair around multiple or single penetrations in Pango Wrap, cut a hole in Pango Wrap that minimizes the void space between the edge of the outermost penetrations and the edge of Pango Wrap. Install Pango Claw within one inch of the edge of the wrap, following its contour as best as possible, while avoiding overlapping Pango Claw onto itself. Apply Pango Bond against the penetration(s) and over the adjacent wrap, extending Pango Bond at least an inch over Pango Claw’s textured surface. Apply sufficient Pango Bond to create a continuous mass that extends from its terminating point over Pango Claw and slopes uniformly up each encompassed penetration.

Review Pango Wrap’s complete installation instructions prior to installation.

6. AVAILABILITY & COST

Pango Bond is available through our network of building supply distributors. For current cost information, contact your local Pango distributor or Stego Industries’ Sales Representative.

7. WARRANTY

Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided herein. Stego Industries, LLC does offer a limited warranty on Pango Wrap. Please see stegoindustries.com/legal

8. MAINTENANCE

Store locked up in a dry and temperate area.

9. TECHNICAL SERVICES

Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries or by visiting the website.

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Contact Number: (877) 464-7834
Website: stegoindustries.com

10. FILING SYSTEMS: stegoindustries.com
CONTENTS

The installation recommendations set forth in these instructions are based on ASTM E1643 and specific applications of Pango products. Each section provides explanations and options for the varying conditions.

<table>
<thead>
<tr>
<th>SECTION</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pango Wrap and Pango Accessories</td>
<td>3</td>
</tr>
<tr>
<td>2</td>
<td>Creating a Monolithic Membrane</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>Where to Terminate the Pango Wrap</td>
<td>5</td>
</tr>
<tr>
<td>4</td>
<td>Sealing Pango Wrap:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Up Foundation Walls and Vertical Surfaces</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>- Using Pango Bond and Pango Term Bar</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>- Using Pango Claw</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>- On Horizontal Planes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Using Pango Bond and Pango Term Bar</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>- Using Pango Claw</td>
<td>7</td>
</tr>
<tr>
<td>5</td>
<td>Sealing Damaged Areas</td>
<td>8</td>
</tr>
<tr>
<td>6</td>
<td>Sealing Single Pipe Penetrations:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Using Pango Bond and Pango Claw</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>- Using Pango Wrap and Pango Tape</td>
<td>9</td>
</tr>
<tr>
<td>7</td>
<td>Sealing Multiple Pipe Penetrations:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Using Pango Bond and Pango Claw or</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Using Pango Sealant, Pango Sealant Form, and Pango Claw</td>
<td>10</td>
</tr>
<tr>
<td>8</td>
<td>Tips for Using Pango Claw</td>
<td>11</td>
</tr>
<tr>
<td>9</td>
<td>Avoid Punctures with Beast Concrete Accessories</td>
<td>12</td>
</tr>
</tbody>
</table>

Stego Installation Support - A Free Service

When you choose Stego® Barrier Solutions and products, you gain access to a large network of full-time technical sales representatives providing unmatched local support and service. If you ever have a question or concern regarding the following installation scenarios please contact us and take advantage of our free Stego Installation Support.
Pango Wrap Termite/Vapor Barrier Installation Instructions

Pango® Wrap Termite/Vapor Barrier is an under-slab termite barrier designed to protect against subterranean termites and moisture vapor. Independently tested to prove efficacy, Pango Wrap combines uniquely designed barrier materials with the flexibility and strength of extruded, high-performance polyolefin film into an easy-to-install, continuous physical foundation termite barrier.

Pango Accessories

At Stego, we know every project has its own unique challenges. To make a Pango Wrap installation easy and flexible, we offer an extensive line of accessory items that give you options to accomplish an effective perimeter seal that meets ASTM E1643, while providing a physical barrier to subterranean termites. Consult the project architect, owner’s representative, and structural engineer of record before proceeding with any of these options.

Pango® Tape
This low permeance and pressure-sensitive tape is engineered to bond specifically to Pango Wrap, making it ideal for sealing Pango Wrap seams and penetrations.

Pango® Bond
A 100% solids, semi-rigid epoxy sealant ideal for sealing penetrations in Pango Wrap and sealing the terminating edges of Pango Wrap to horizontal and vertical surfaces.

Pango® Sealant
A high-performance sealant, designed to be used with Pango® Wrap, Pango Claw®, and Pango® Sealant Form as a physical barrier to subterranean termites for sealing pipe penetrations.

Pango® Term Bar
A semi-flexible plastic termination bar used for mechanically securing Pango Wrap to concrete and masonry constructions and against Pango Bond.

Pango® Sealant Form
A flexible, closed-cell polyethylene foam with an acrylic adhesive, designed to be used in conjunction with Pango Sealant.

Pango Claw®
This multi-layered tape utilizes a textured film that mechanically bonds to concrete cast against it. It is used to create a seal at Pango Wrap’s terminating edges to subsequently placed slabs.

Pango® Sealant Form
A flexible, closed-cell polyethylene foam with an acrylic adhesive, designed to be used in conjunction with Pango Sealant.
Creating a Monolithic Membrane

The key to an effective Pango Wrap installation is to create a monolithic layer of protection between the concrete slab and moisture sources below, as well as create a physical termite barrier to help protect against subterranean termites that can find entry points in the concrete slab via cracks and control joints. This can be accomplished by following the installation instructions outlined in ASTM E1643 - Standard Practice for Selection, Design, Installation, and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs.

**ASTM E1643** discusses the selection of the vapor retarder and preparation of the subbase to minimize potential damage during installation and concrete placement.

- **ASTM E1643, Section 5.3.4.1** - Select a vapor retarder material capable of withstanding potential construction site damage.
- **ASTM E1643, Section 5.3.5.1** - Select vapor retarder material capable of withstanding tear or puncture damage due to the type, gradation, and texture of the base material to be installed below the material. Prepare base material to minimize risk of puncture, for example, by rolling or compacting.
- **ASTM E1643, Section 6.1** - Level and compact base material.

**ASTM E1643** then states to create a monolithic membrane to protect the slab from adjacent moisture sources.

- **ASTM E1643, Section 6.4** - . . . create a monolithic membrane between the surface of the slab and moisture sources below the slab as well as at the slab perimeter.
- **ASTM E1643, Section 6.5** - Lap joints minimum 6 in. (150 mm), or as instructed by the manufacturer, and seal laps in accordance with the manufacturer’s recommendations.

Pango Wrap can be installed over an aggregate, sand, or tamped earth base. It is not necessary to have a cushion layer or sand base, as Pango Wrap is tough enough to withstand rugged construction environments.

1. Unroll Pango Wrap over the area where the slab is to be placed.
2. Unless otherwise indicated by the design professional(s) of record, unfold Pango Wrap to completely cover the placement area.
3. All joints/seams should be overlapped a minimum of 6 inches.
4. Ensure Pango Wrap is clean and dry when applying Pango Tape.
5. Seal the seams with Pango Tape.

Tip: Use a cloth or other means to remove dust, debris, and excess moisture from Pango Wrap prior to applying Pango Tape.
Where to Terminate the Pango Wrap

Always consult the project design team for where to terminate the termite/vapor barrier to strike a balance between the location of the termite/vapor barrier on or around foundation constructions and any structural concerns before proceeding.

ASTM E1643 provides direction on where to terminate the vapor barrier as follows:

ASTM E1643, Section 6.4 - Extend vapor retarder over footings and seal to foundation wall, grade beam, or slab at an elevation consistent with the top of the slab or terminate at impediments such as waterstops or dowels...

ASTM E1643, Section 6.6 - Extend vapor retarder over the tops of pile caps and grade beams to a distance acceptable to the structural engineer.

In accordance with ASTM E1643, terminate the Pango Wrap as follows:

At an elevation (height) consistent with the top of the slab;

At Impediments; OR

At a location of termination designated by the project design team.

If the location of termite/vapor barrier termination has not been clearly addressed in the construction documents, then clarification should be requested from the project design team. Should no direction be given, Stego recommends the project team follow the guidelines of ASTM E1643.

Regardless of where the vapor barrier is determined to be terminated, ASTM E1643 requires the terminating edges to be sealed.
Sealing the Terminating Edges of Pango Wrap
Up Foundation Walls & Vertical Surfaces
Using Pango Bond and Pango Term Bar

Pango Bond can be used to seal Pango Wrap to foundation walls, grade beams or other adjacent concrete constructions. Pango Bond is often the preferred product because of its ease of application and versatility to accommodate most conditions. It has been engineered to create a seal between Pango Wrap and existing foundation constructions.

IMPORTANT: Make sure the area of adhesion is free of dust, dirt, debris, moisture, and frost to allow maximum adhesion.

1. Apply Pango Bond to the foundation wall up to the anticipated edge where Pango Wrap will subsequently be installed.
   Note: Do not leave any open gaps in Pango Bond application.

2. Use enough Pango Bond so that when consistent pressure is applied along the edge of Pango Wrap, a continuous 2” (wide) strip is created.
   Note: Pango Bond pot/working life is roughly 30-45 minutes. Ensure that Pango Wrap is applied while the Pango Bond is still workable.

3. Once Pango Wrap is lapped over Pango Bond and sealed to the wall, install Pango Term Bar over the top of Pango Wrap and inline with Pango Bond.

Using Pango Claw

IMPORTANT: Make sure the area of adhesion is free of dust, dirt, debris, moisture, and frost to allow maximum adhesion.

Vertical Plane: Foundation Wall

1. Extend Pango Wrap up the vertical surface, likely to the height of the slab.
   Note: See Where to Terminate the Pango Wrap, page 5.

2. Optional: Temporarily secure Pango Wrap to the foundation wall with a small piece of Pango Tape.
   Note: Trim excess Pango Tape after concrete has been placed and before removal of any adjacent forms.

3. Apply the entire 3” width of Pango Claw on the perimeter edge of Pango Wrap.
   Note: Clean surface of Pango Wrap to ensure that it is free of moisture and debris prior to the installation of Pango Claw. Do not leave any open gaps between Pango Claw.

Prior to using Pango Claw, see “Tips for Using Pango Claw” on page 11.
Sealing the Terminating Edges of Pango Wrap on a Horizontal Plane

Always consult the project design team for where to terminate the termite/vapor barrier to strike a balance between the location of the vapor barrier on or around foundation constructions and any structural concerns before proceeding.

After the location of where to terminate the termite/vapor barrier has been determined, seal Pango Wrap along all terminating edges as indicated by the project team.

Using Pango Bond and Pango Term Bar

Onto a Perimeter Footing at Impediments: Seal Pango Wrap to concrete with Pango Bond and Pango Term Bar.

Onto Interior Grade Beams at Impediments: Seal Pango Wrap to concrete with Pango Bond and Pango Term Bar.

At a Location Designated by the Design Team: Seal Pango Wrap to concrete with Pango Bond and Pango Term Bar.

Utilize Pango Term Bar to fasten Pango Wrap to concrete or masonry.

Stego recommends securing all Pango Bond sealing conditions with Pango Term Bar. See 3-step Pango Bond and Pango Term Bar installation process on page 6.

Using Pango Claw

At a Foundation Wall: Install Pango Claw onto the terminating edge of Pango Wrap.

Tip: Install Pango Claw onto Pango Wrap before sliding Pango Wrap into final termination location.

At Interior Grade Beam Impediments: Install Pango Claw onto the terminating edge of Pango Wrap.

At a Location Designated by the Design Team: Install Pango Claw onto the terminating edge of Pango Wrap.

See “Where to Terminate the Vapor Barrier” on page 5 prior to choosing your terminating edge sealing accessory.
Sealing Damaged Areas:

In the event that Pango Wrap is damaged during or after installation, repairs must be made. To repair holes, cut a piece of Pango Wrap to a size and shape that covers any damage by a minimum overlap of 6” in all directions. Clean all adhesion areas of dust, dirt, moisture, and frost. Tape down all edges using Pango Tape.

1. Occasionally there are holes in the termite/vapor barrier that require a patch.

2. Clean area of adhesion.

3. Measure and cut a piece of Pango Wrap to cover damaged area 6” in all directions. Seal patch with Pango Tape.

Sealing Single Pipe Penetration: Using Pango Bond and Pango Claw

All penetrations must be sealed. All pipe, ducting, rebar, wire penetrations and block outs should be sealed using Pango Wrap, Pango Bond, and Pango Claw or Pango Sealant, Pango Sealant Form, and Pango Claw. If penetrations are encased in other materials, such as expansive materials like foam, unless otherwise specified, Pango Wrap should be sealed to the underlying penetration directly.

1. Cut a hole into Pango Wrap such that the membrane fits over and around base of the pipe as closely as possible.

2. Place sections of Pango Claw around the pipe, within 1 inch of all edges of the hole.
   Note: Do not overlap Pango Claw on itself; it should abutt adjacent sections but adhere only to Pango Wrap.

3. Apply Pango Bond around the base of the pipe, mounding up the pipe slightly, and spreading out continuously to cover at least 1 inch across all sections of Pango Claw.
   Note: Apply using disposable glove, paint brush, or similar.
Sealing Single Pipe Penetration: Using Pango Wrap and Pango Tape

To minimize the void space around a penetration, a detail patch may be required.

1. Cut a hole into Pango Wrap such that the membrane fits over and around the base of the pipe as closely as possible.

2. Cut a detail patch to a size and shape that creates a six inch overlap on all edges around the void space at the base of the pipe. Cut an "X" the size of the pipe diameter in the center of the pipe boot and slide tightly over pipe.

3. Tape the edges of the detail patch using Pango Tape.

4. Construct a pipe collar using Pango Wrap by cutting a piece with width at least 2 inches and length at least 50% greater than the pipe’s circumference. Cut slits half the width of the film, and tightly wrap the collar around the pipe as shown. The previously cut slits will manifest as flanges that lie flat against the horizontal Pango Wrap.

5. Place strips of Pango Tape over the flanges of the collar such that: all edges are secured to the underlying Pango Wrap, and no voids at the base of the collar and the pipe (where the collar transitions vertically) are left uncovered by Pango Tape. Encircle the base of the collar with Pango Tape and continue upward such that the vertical portion of the collar is completely encompassed with Pango Tape. Extend this tape at least an inch beyond the top of the collar onto the pipe itself, or as far as needed to ensure the collar is secured and the Tape completely adhered to the pipe around its full circumference.
Sealing Multiple Pipe Penetrations:
Using Pango Bond and Pango Claw or
Using Pango Sealant, Pango Sealant Form, and Pango Claw

Multiple pipe penetrations in close proximity and very small pipes may be sealed using Pango Bond and Pango Claw or Pango Sealant, Pango Sealant Form, and Pango Claw.

1. Cut a hole in Pango Wrap such that the membrane fits over and around the base of the pipes as closely as possible, ensuring that it is flush with the base of the penetrations.

2. Place sections of Pango Claw around the pipe, within one inch of all edges of the hole.
   Note: Do not overlap Pango Claw on itself; it should abutt adjacent sections but adhere only to Pango Wrap.
   If using Pango Sealant and Pango Sealant Form, see Pro Tip Below.

3a. Apply Pango Bond around the base of the pipes, mounding up the pipes slightly, and spreading out continuously to cover at least 1 inch across all sections of Pango Claw.
   Note: apply using disposable glove, paint brush, or similar.

3b. See Pro Tip below.
   Install Pango Sealant Form continuously to Pango Wrap and around the entire perimeter of the outer edge of Pango Claw.

3b2. Pour Pango Sealant inside of Pango Sealant Form to create a seal around the penetrations.
   Note: If the void space between Pango Wrap and the penetrations is not minimized and/or the base course allows for too much drainage of sealant, a second coat of Pango Sealant may need to be poured after the first application has cured.
   Pango Sealant pot/working life is roughly 30-45 minutes.

PRO TIP
When Sealing Multiple Pipes with Pango Sealant and Pango Sealant Form:
It may be helpful to utilize a detail patch in order to minimize the void space between Pango Wrap and the penetration in order to prevent Pango Sealant from draining through to the subbase.

Cut a detail patch to a size and shape that creates a six inch overlap on all edges around the void space at the base of the pipes. Cut an “X” the size of the pipe diameter for every pipe penetration and slide tightly over pipe.

Tape the edges of the detail patch using Pango Tape. Proceed to step 2 above.
Tips for Using Pango Claw

Pango Claw is a versatile and useful Pango accessory. Below will highlight and clarify common application details in which Pango Claw will be utilized.

1. Ensure Pango Wrap is clean and dry when applying Pango Claw.
   Tip: Use a cloth or other means to remove dust, debris, and excess moisture from the vapor barrier prior to applying Pango Claw.

2. When installing at the terminating edge, apply Pango Wrap as close to the edge as possible.
   Tip: Applying Pango Claw within 2” of the terminating edge is almost always possible, even when the terminating edges are not cut perfectly straight.

3. Install Pango Claw last for a successful installation.
   Tip: Install Pango Claw before rebar but after Pango Wrap has been overlapped and sealed at the seams with Pango Tape, sealed at penetrations, and terminated at the project’s perimeter and/or other specified terminating location.

4. IMPORTANT:
   Do not overlap Pango Claw over itself.
   Tip: If placing multiple sections of Pango Claw, minimize gaps by abutting each adjacent section against one another.

5. Do not leave any open gaps between Pango Claw.
   Tip: If a small gap exists between two pieces of Pango Claw, a supplementary piece of Pango Claw should be applied to run along the inside edges of the two original pieces and span the gap between them. The supplementary piece should run parallel and flush to the original pieces without overlap.

6. If protrusions or penetrations are determined to be impediments to applying Pango Claw along the perimeter terminating edges of Pango Wrap, route Pango Claw around the impediment, as close to the impediment as possible, and continue along the terminating edge of Pango Wrap on the opposite side of the impediment. Apply Pango Bond on top of Pango Claw and around impediment.
Avoid Punctures with Beast® Concrete Accessories

To help eliminate the use of non-permanent penetrations in Pango Wrap installation, Stego Industries recommends the use of Beast vapor barrier-safe concrete accessories.

IMPORTANT: Avoid puncturing Pango Wrap with stakes while forming, bracing, and screeding.

BEAST® FORM STAKE can be used with BEAST® FOOT as part of the Stego vapor barrier-safe forming system which meets ASTM E1643 requirements.

This concrete form stake takes the place of traditional nail stakes for interior forming applications, utilizing SpeedTrack™ Fastening Grooves for unlimited fastener placement.

Note: Refer to Beast Form Stake Installation Guide for detailed usage instructions.

Beast Form Stake is strong enough to withstand a beating during concrete placement while holding its shape. It is easy to remove and reusable for the next job.

Note: Beast Form Stake can be removed once concrete has set sufficiently to hold its shape. Fill and repair any voids in the concrete as necessary once the Beast Form Stake has been removed and strike Beast Form Stake against a hard surface to loosen the concrete buildup.

BEAST® FORM STAKE

BEAST® HOOK is a faster, easier way to set 2x4 overhead screeds. Use Beast Foot and Beast Form Stake and make it a vapor barrier-safe screed system.

BEAST® SCREED is a fixed-elevation, point-to-point guide screed system designed to replace common wet-screed methods.

Set it and forget it. Beast Screed eliminates the need to frequently re-establish grade to ensure floor elevation has not changed during the screeding operation as is typical with traditional wet-screed methods.

Note: Refer to Beast Screed System Installation Instructions for detailed usage instructions.