

For more information including
Pango Wrap Installation Instructions and Warranty Information, go to:

www.pangowrap.com

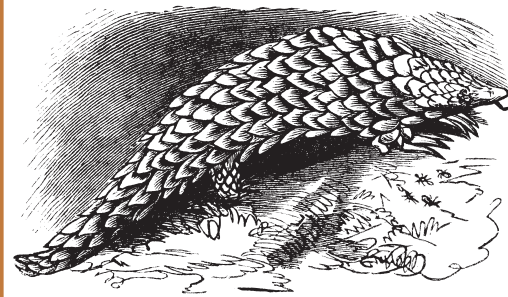


PANGO

TERMITE DEFENSE SYSTEM



**A PROVEN, PHYSICAL BARRIER
AGAINST SUBTERRANEAN TERMITES**



Pangolin [pang-guh-lin, pang-goh-] – An armored mammal found in Asia and Africa. Pangolins are usually 1 to 3 feet long exclusive of the tail, and weigh between 10 and 60 pounds. Their armored scales are brown or copper in color and cover their entire body except for their face and belly. Equipped with a long tongue (up to 10 inches) and sharp claws, pangolins feed mainly on termites, but also ants and other insects.



www.pangowrap.com





What makes Pango™ Wrap **REVOLUTIONARY?**

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.

Pango Wrap Termite/Vapor Barrier is a physical barrier against Formosan termites and moisture vapor. Through patented and trade secret processes, Pango Wrap combines uniquely designed barrier materials with the flexibility and strength of extruded, high-performance polyolefin film into an easy-to-install, physical barrier against subterranean termites.

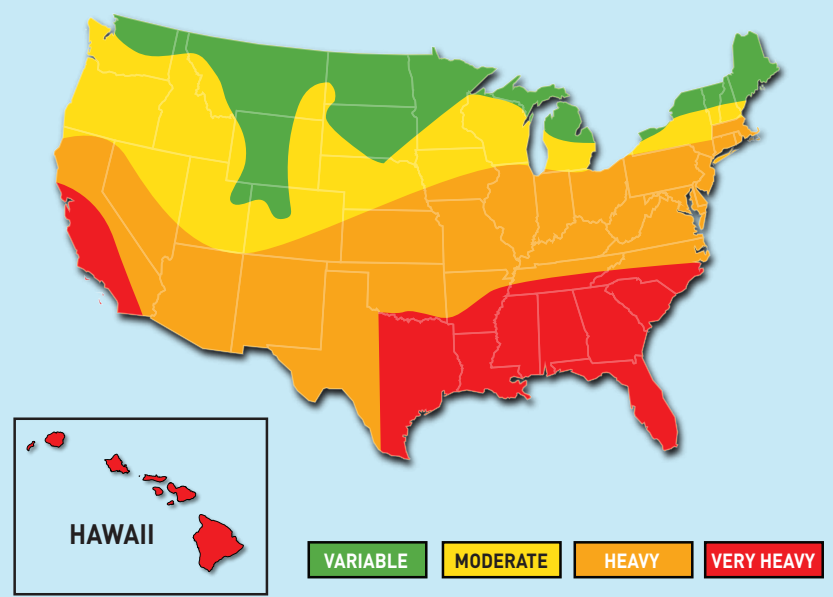
Pango Wrap comes from the creators of Stego Wrap Vapor Barrier, the most widely-specified below-slab vapor barrier in North America*. Unlike chemical sprays that do nothing to prevent other contaminants from entering the building, Pango Wrap is a high performance vapor barrier as well as a termite defense barrier. Combining these two solutions in one product saves time and labor costs during construction.

Pango Wrap is made from game-changing resin technology and provides high performance and longevity. Alternatively, chemical spray solutions must be re-applied 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.

“Termites cause more damage to U.S. homes than tornadoes, hurricanes, wind and hail storms combined.” – www.termites.com



TERMITE INFESTATION MAP



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 provides a sustainable and effective solution for the market.**

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*.**

Limit the use of chemicals and increase the longevity of your termite defense system.



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

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

Typically, a generic 6 mil polyethylene has been used as the below-slab vapor retarder because it meets the building code minimums. Unfortunately, in the case of below-slab moisture protection, the building code 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.

As with any protection system, the installation of Pango Wrap is critical to the system's effectiveness. Pango Wrap and Pango accessories make it easy to complete a successful installation. Refer to the complete Pango Wrap installation instructions on our website at: www.pangowrap.com



PROVEN EFFECTIVENESS...

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 provided a “100% protection” barrier for the wood food source under extremely heavy termite pressure. For more information on our independent testing, please contact Stego Industries' Technical Department.

Technical Data

TABLE 1: PHYSICAL PROPERTIES OF PANGO WRAP TERMITE/VAPOR BARRIER

PROPERTY	TEST	RESULTS
Under Slab Vapor Retarders	ASTM E 1745 – Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs	Class C
Water Vapor Permeance	ASTM F 1249 – Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor	0.010 perms [gr/(ft ² *hr*in-Hg)]
Puncture Resistance	ASTM D 1709 – Test Methods for Impact Resistance of Plastic Film by Free-Falling Dart Method	1538 grams
Push-Through Puncture	ASTM D 4833 – Test Method for Index Puncture Resistance of Geotextiles, Geomembranes, and Related Products	137.6 Newtons
Tensile Strength	ASTM D 882 – Test Method for Tensile Properties of Thin Plastic Sheeting	48.6 lbf/in.
Permeance After Conditioning (ASTM E 1745 Sections 7.1.2 - 7.1.5)	ASTM E 154 Section 8, F 1249 – Permeance after wetting, drying, and soaking ASTM E 154 Section 11, F1249 – Permeance after heat conditioning ASTM E 154 Section 12, F1249 – Permeance after low temperature conditioning ASTM E 154 Section 13, F1249 – Permeance after soil organism exposure	0.010 perms 0.010 perms 0.010 perms 0.010 perms
Methane Transmission Rate	ASTM D 1434 – Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting	227.8 GTR (mL(STP)/m ² *day)
Radon Diffusion Coefficient	K124/02/95	2.0 x 10 ⁻¹¹ m ² /second
Thickness		15 mils
Roll Dimensions		14 ft. wide x 140 ft. long or 1,960 ft ²
Roll Weight		150 lbs.

Note: perm unit = grains/[ft²*hr* in.Hg]

*Stego Industries, LLC is the exclusive Sales and Marketing Representatives for Pango™ Wrap and accessory products, owned and developed by Stego Technology, LLC, a wholly independent company from Stego Industries, LLC. Pango, the pangolin logo, and Pango Claw are deemed to be registered and/or protectable trademarks of Stego Technology, LLC. © 2016 Stego Industries, LLC. Installation and Warranty Information: www.stegoindustries.com/legal.