



STEGOHOME[®]

BELOW-SLAB VAPOR PROTECTION



High-performance, healthy homes start with **StegoHome.** 



ENGINEERED PERFORMANCE
LIFE OF THE BUILDING[™] PROTECTION



Protecting your home, from the ground up.

What is StegoHome?

StegoHome below-slab vapor protection is a multi-layer plastic extrusion manufactured with only high-grade, prime, virgin, polyolefin resins designed to provide unmatched protection for the underside of new homes.

An extremely low permeance to vapor, as well as exceptional durability and longevity makes StegoHome an important component to a home's envelope in all climates and geographic locations given the natural movement of sub-slab vapor.

Why should I use StegoHome?

StegoHome is used as below-slab vapor protection for moisture and other soil gases, like radon, and *specifically engineered* with roll weight and dimensions suitable to smaller residential footprints and labor crews.

For builders and homeowners, StegoHome offers an effective and permanent solution to help prevent potential costly failures and unsafe conditions within the home over time, including damage to foundation and interior components (like flooring), mold growth, and poor indoor air quality.



Engineered for a Healthy Home™



Why I can trust the StegoHome Brand?

StegoHome comes to you from the manufacturers of Stego® Wrap, the number one choice of the construction industry. Billions of square feet of Stego Wrap are protecting buildings of all shapes and sizes throughout the world.

Now homeowners can get the same protection below their homes that the leading architects and engineers use for their most sensitive projects. Our home is often the largest financial investment that we will make in our lives, so it makes sense to make sure that our investment is appropriately protected from the ground up.



Homebuilders looking to go beyond the building code minimums and look out for their customers' well-being choose StegoHome Below-Slab Vapor Protection.






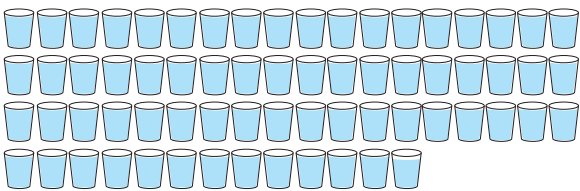
Why Choose STEGOHOME?



Moisture always moves from high pressure to low pressure. This means water vapor is constantly moving upward from the high-pressure environment below your home's foundations into your conditioned living space. Choosing the right below-slab vapor protection (based on its permeance) for the construction of your home makes a *dramatic difference* in how much moisture invades your living space - saving you money in HVAC costs.



STEGOHOME COMPARISON TO GENERIC POLY PLASTIC - PERMEANCE

	PERMEANCE ft ² *hr*in-Hg	YEARLY TRANSMISSION OF WATER VAPOR THROUGH 1,300 ft ²
 StegoHOME® 15 Mil	<0.01	6.7 Cups 
StegoHOME® 10 Mil	0.026	17.4 Cups 
Generic Poly Plastic	>0.1	66.8 Cups 



- ✓ **StegoHome** is made from Prime, First-Melt Resins - Critical for Effective Under-Slab Vapor Protection
- ✓ Exceptional Tear and Puncture Resistance



Generic Poly Plastic

- ✗ **Generic plastic**, made from low-grade resins offer poor permeance protection and tear easily during construction.
- ✗ Generic plastic made with recycled content is more susceptible to deterioration over time.



THE STEGOHOME ADVANTAGE



Peace of Mind

Vapor protection on the bottom side of your home with a first-of-its-kind **Life of the Building™ Warranty**.

Warranty available online at www.stegoindustries.com/legal



Energy Efficiency and Savings

Less available moisture for your home's HVAC system to contend with.



Healthier Home

Improved indoor air quality (IAQ) by helping reduce the migration of soil contaminants and moisture-induced mold and mildew growth.



Better Flooring Performance

Keeps the concrete floor slab dry and prevents costly potential flooring failures.



Radon Gas Protection

A high-performance soil-gas retarder component of an effective radon mitigation system can help prevent the gas from entering the home.



STEGOHOME

Available in 10-Mil or 15-Mil thickness.

StegoHome gives the homeowner and builders options to choose what best suits budget and project performance needs.

StegoHome® 10-Mil Vapor Retarder DURABLE and ECONOMICAL VAPOR PROTECTION

Are you looking to exceed minimum residential code requirements?

StegoHome 10-Mil is a below-grade vapor retarder manufactured with a proprietary blend of prime virgin polyolefin resins and additives, a combination lending to outstanding value and effectiveness in protecting the concrete slab from moisture intrusion. The performance, durability, and longevity dramatically exceed what you would get from a generic 6-Mil poly plastic product.

- Provides excellent puncture resistance
- High-performance component to soil-gas (radon) mitigation
- Aids in the protection against flooring cover failures, mold and mildew development, and indoor air quality concerns
- Provides superb below-concrete vapor protection
- Exceeds ASTM E1745 Class A, B & C
- Lightweight rolls for easy maneuverability with smaller residential installation crews
- Life of the Building™ Warranty
- Made in the USA

The StegoHome 10-Mil Vapor Retarder is an excellent product if you are looking to exceed basic minimum residential code requirements and achieve a higher-performance home.

StegoHome® 15-Mil Vapor Barrier COMMERCIAL-GRADE PERFORMANCE for VAPOR PROTECTION

The StegoHome 15-Mil Vapor Barrier manufactured from the same proprietary blend of prime virgin polyolefin resins and additives as the Stego Wrap 15-Mil Vapor Barrier, the most widely specified commercial construction vapor barrier in the USA. StegoHome 15-Mil Vapor Barrier, designed to withstand the harshest conditions during the construction process, is highly resistant to punctures from heavy traffic and maintains a low permeance rating of <math><0.01</math>.

- Extremely low water vapor permeance
- Greatly impedes transmission of soil-gases (such as radon and methane) into the home
- Exceeds ASTM E1745 Class A, B & C
- Aids in the protection against flooring cover failures, mold and mildew development, and indoor air quality concerns
- Will not deteriorate beneath slab, especially compared to generic, recycled 6-Mil poly
- Lightweight rolls for easy maneuverability with smaller residential installation crews
- Life of the Building™ Warranty
- Made in the USA

Design professionals and commercial contractors have come to rely on Stego products for our nation's most critical project types, such as hospitals and schools. That same track record for success is now available for your most critical project, too - your home.





ACCESSORIES

Complete Protection with Stego Accessories.
Specifically engineered for easy and efficient installation.



STEGO® TAPE SEAL, BOND AND PATCH

Ideal for sealing StegoHome seams and penetrations.

- Extremely strong yet repositionable when applying
- Leaves little to no residue
- Low water vapor permeance
- Excellent sealing properties
- Pinked edge makes it easy to tear it straight, when and where you want to
- Made in the USA



STEGO® MASTIC SEAL PIPE PENETRATIONS AND TERMINATING EDGES

- Time-saving aid in achieving an ASTM E1643 installation
- Quickly seals around individual or clusters of pipe penetrations in close proximity
- Easy application from sausage tubes with a standard sausage gun and/or from pails by brush, roller, or trowel
- Made in the USA





ACCESSORIES *continued...*

Complete Protection with Stego Accessories.
Specifically engineered for easy and efficient installation.



STEGOTACK® TAPE SEAL THE PERIMETER

A double-sided adhesive strip used to bond and seal StegoHome to concrete, masonry, wood, metal and other surfaces.

- Flexible and moldable material makes it easy to apply to anything
- Double-sided adhesive strip
- Low permeance to water vapor
- Made in the USA



STEGO® CRETE CLAW® TAPE SEAL THE PERIMETER

A multi-layered tape/detail strip that will mechanically seal StegoHome to wet concrete.

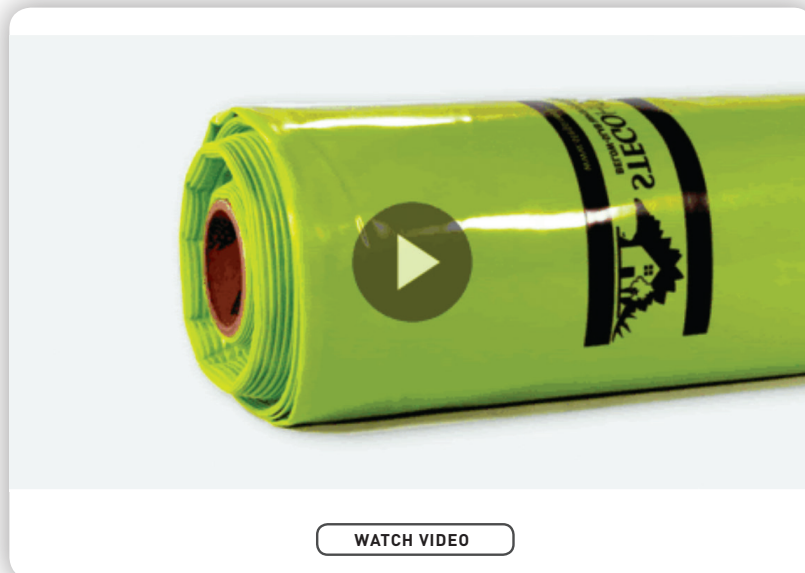
- The least expensive, least labor-intensive, and most versatile method for sealing the perimeter edges of StegoHome
- Made in the USA





Speed and Ease of Installation

The installation instructions for StegoHome and accessories are based on principles of ASTM E1643. We've created a 5-minute video that gives you everything you need to know to properly install StegoHome Below-Slab Protection in a new home. These installation instructions include recommendations on the proper subbase preparation to the foundation before placing the vapor barrier/retarder, which accessories to use to terminate the edges, seal pipe penetrations, and how to repair any damage that may occur.



Watch the StegoHome step-by-step installation instructions and additional how-to videos at <https://www.stegoindustries.com/media-center>

www.stegoindustries.com/resources



Engineered for a Healthy Home™

The Choice is Clear and Critical

Your building products need to stand the test of time and maintain their integrity throughout the home's lifetime. Generic poly fails in this regard, which can lead to a cascade of other problems over the life of the home – in the concrete foundation, the indoor air quality, and in the failure of other building components, like flooring.

You only have **one chance** to take the ground out of play and place proper vapor protection below your new home.

So why take a chance with building products that are not engineered for long-term protection?

SHOP STEGOHOME

HAVE QUESTIONS? Give us a call.

877-464-7834

For more information on StegoHome Below-Slab Vapor Protection, visit

<https://www.stegoindustries.com/stegohome>

