



PINK THERMAL WALL

THE BEST INSULATION SYSTEM FOR YOUR HOME. AND FOR YOUR POCKETBOOK.





INNOVATIONS FOR LIVING™

GET INTO THE PINK. AND OUT OF THE RED.

DON'T BYPASS ENERGY SAVINGS

Wood framing accounts for up to 25% of a home's exterior walls. Unfortunately it's not a very effective thermal barrier. Even when wood framing is covered with Oriented Strand Board (OSB) or other wood sheathing, thermal efficiency is significantly reduced if the wood studs are not insulated.



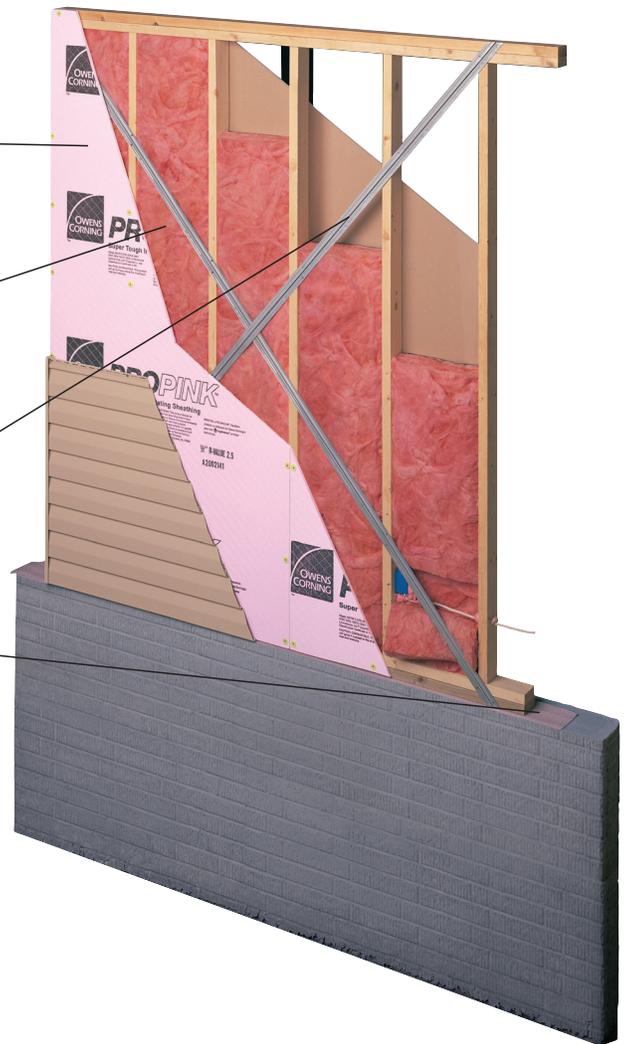
Heating and cooling can add up. It may surprise you to know that they account for up to 50% of a home's utility bills. So if you're looking for ways to optimize energy efficiency—not to mention making your home a more inviting, comfortable place to spend time—Owens Corning has an innovative solution. PINK Thermal Wall.

PINK FOAMULAR® SHEATHING

PINK FIBER GLASS BATT INSULATION

WOOD LET-IN BRACE OR METAL STRAPPING

FOAMSEALR™ SILL PLATE GASKET



1-800-GET-PINK

www.owenscorning.com

CONTROL THERMAL BYPASSES WITH PINK THERMAL WALL CONSTRUCTION

PINK Thermal Wall construction reduces the transfer of heat into and out of the walls of your home. It's our way of helping you save on energy costs.

FRAMED WALLS CONTAIN THERMAL BYPASSES

When left uninsulated, wood framing creates thermal bypasses that allow excessive heat transfer through the wall construction.

| Traditional OSB Wall Construction* | |
|------------------------------------|---------------|
| Insulation | R-13.0 |
| Sheathing | R-0.5 |
| System R-value** | R-11.3 |

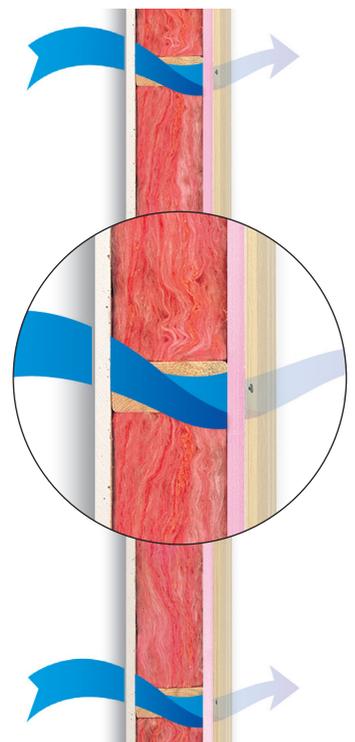
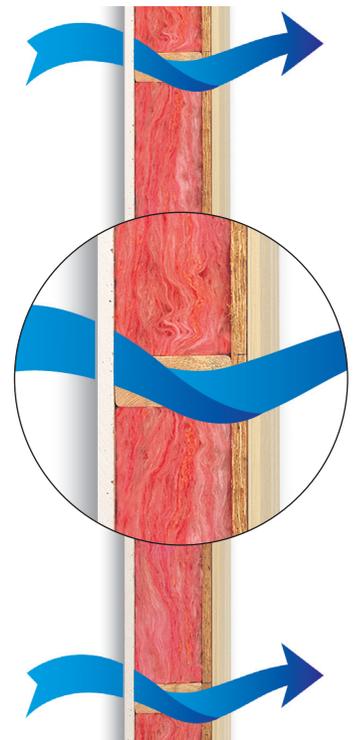
PINK THERMAL WALL CONSTRUCTION SEALS IN COMFORT

PINK Thermal Wall construction uses FOAMULAR®, PROPINK® or IS sheathing instead of OSB to reduce the heat transfer that occurs through wood framing. Combined with PINK fiber glass insulation and FoamSealR™ sill plate gasket, PINK Thermal Wall provides the ultimate in energy savings.

| Pink Thermal Wall* Increases Insulating Power, Increases System R-Values | |
|--------------------------------------------------------------------------|---------------|
| Insulation | R-13.0 |
| Sheathing (½" Foam) | R-3.0 |
| System R-value** | R-14.2 |

* Charts reflect 2" x 4" wood frame construction, 16" o.c. with vinyl siding. U-value calculation, component R-value and path percentages based on 1997 ASHRAE Handbook of Fundamentals.

** R-value means resistance to heat flow. The higher the R-value, the greater the insulating power.



TOP VIEW



INNOVATIONS FOR LIVING™

A COMPLETE THERMAL ENVELOPE AROUND YOUR HOME.

GREENGUARD CERTIFICATION™

Owens Corning insulation products have been certified by the GREENGUARD Environmental Institute. GREENGUARD Certification is awarded to products that contribute minimal emissions to indoor environments.

In June of 2003, Owens Corning was awarded GREENGUARD Certification for many of our insulating products. We are the first manufacturer to receive GREENGUARD Certification for extruded polystyrene foam products.



PINK THERMAL WALL CONSTRUCTION: THE COMPLETE SYSTEM

By combining PINK FOAMULAR sheathing with PINK fiber glass batts and FoamSealR, PINK Thermal Wall construction insulates framing and helps eliminate thermal bypasses. This enhances thermal and energy performance—resulting in an increased exterior wall system R-value. PINK Thermal Wall construction uses wood let-in bracing or metal strapping and meets building code structural requirements.

- *The complete system—PINK FOAMULAR, PINK fiber glass insulation and FoamSealR sill plate gasket—is made with recycled content.*
- *PINK Thermal Wall construction reduces thermal bypasses in the exterior walls.*
- *PINK Thermal Wall can help save more energy for heating and cooling than standard home construction.*
- *PINK FOAMULAR sheathing products help keep moisture out of wall construction.*
- *PINK fiber glass is durable and lasts for the life of the home.*
- *FoamSealR sill plate gaskets fight moisture and air infiltration beneath the sill plate.*

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THREE BUILDING BLOCKS OF PINK THERMAL WALL

PINK FOAMULAR® SHEATHING

- *An R-value of up to 5 per inch.*
- *Provides edge-to-edge laminate coverage to hold nails at joints.*
- *Provides superior moisture resistance vs. traditional materials.*
- *Stays intact despite job site abuse and impacts.*
- *Features “bends-but-won’t-break” durability.*
- *Is lightweight and easier to handle than OSB.*
- *Features tough, super-reinforced laminated skin on both sides.*

PINK Fiber Glass Batts

- *An R-value of up to R-15 for 2" x 4" construction.*
- *An R-value of up to R-21 for 2" x 6" construction.*
- *Is easy to install.*
- *Cuts easily and quickly with a standard utility knife.*
- *Is durable and lasts for the life of the home.*
- *Is moisture-resistant.*
- *Is non-corrosive.*
- *Will not rot, settle or sag.*
- *Does not support mold growth.**

PINK FoamSeal™

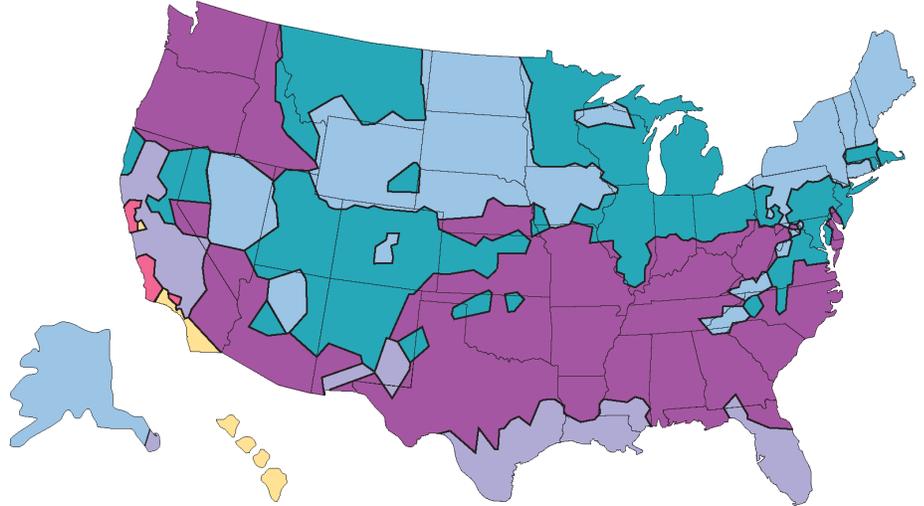
- *Is easy to install.*
- *Provides superior moisture resistance vs. unsealed sill plates.*
- *Helps seal out insects.*
- *Reduces air infiltration along the sill plate.*

* Manufactured fiber glass insulation is resistant to mold growth. However, mold growth can occur on building materials, including insulation, when it becomes contaminated with organic material and when water is present. To avoid mold growth on fiber glass insulation, remove any water that has accumulated and correct or repair the source of that water as soon as possible. Insulation that has become wet should be inspected for evidence of residual moisture and contamination, and any insulation that is contaminated should be promptly removed and replaced.



INNOVATIONS FOR LIVING™

U.S. DEPARTMENT OF ENERGY (DOE) R-VALUE RECOMMENDATIONS.



| Gas | Heat Pump | Fuel Oil | Electric Furnace | Attic | Wall* | Floor | Crawl Space | Basement |
|-----|-----------|----------|------------------|-------|-------|-------|-------------|----------|
| ✓ | ✓ | ✓ | | R-49 | R-18 | R-25 | R-19 | R-11 |
| | | | ✓ | R-49 | R-28 | R-25 | R-19 | R-19 |
| ✓ | ✓ | ✓ | | R-49 | R-18 | R-25 | R-19 | R-11 |
| | | | ✓ | R-49 | R-22 | R-25 | R-19 | R-19 |
| ✓ | ✓ | ✓ | ✓ | R-49 | R-18 | R-25 | R-19 | R-11 |
| ✓ | ✓ | ✓ | | R-38 | R-13 | R-13 | R-19 | R-11 |
| | | | ✓ | R-49 | R-18 | R-25 | R-19 | R-11 |
| ✓ | | | | R-38 | R-13 | R-11 | R-13 | R-11 |
| | ✓ | ✓ | | R-38 | R-13 | R-13 | R-19 | R-11 |
| | | | ✓ | R-49 | R-18 | R-25 | R-19 | R-11 |
| ✓ | | | | R-22 | R-11 | R-11 | R-11 | R-11 |
| | ✓ | ✓ | | R-38 | R-13 | R-11 | R-13 | R-11 |
| | | | ✓ | R-49 | R-18 | R-25 | R-19 | R-11 |

* R-18, R-22 and R-28 exterior wall systems (cavity and sheathing combined) can be achieved by using PINK fiber glass cavity insulation along with PINK FOAMULAR sheathing.

For 2" x 4" walls, Owens Corning recommends using either 3½-inch thick R-15 or 3-inch thick R-13 PINK fiber glass insulation along with PINK FOAMULAR sheathing.

For 2" x 6" walls, Owens Corning recommends using either 5½-inch thick R-21 or 6-inch thick R-19 PINK fiber glass insulation along with PINK FOAMULAR sheathing.

For DOE recommendations specific to your area, visit www.eren.doe.gov/consumerinfo/energy_savers/r-value_map.html

PINK THERMAL WALL INSULATION COMBINATIONS

There are a number of ways to combine Owens Corning PINK rigid foam insulation and PINK fiber glass insulation to meet Department of Energy R-value recommendations for exterior walls.

| DOE R-Value | PINK Rigid Foam | Fiber Glass Batts |
|--------------------------------------------------------------------|----------------------|-------------------|
| Total Wall R-Value combines PINK Rigid Foam with Fiber Glass Batts | | |
| 2" x 4" studs | | |
| R-15 | ½" Foamular (R-3) | R-13 |
| R-18 | 1" Foamular (R-5) | R-13 |
| R-18 | ½" Foamular (R-3) | R-15 |
| 2" x 6" studs | | |
| R-22 | ¾" Foamular (R-4) | R-19 |
| R-22 | ½" Foamular (R-3) | R-21 |
| R-24 | 1" Foamular (R-5) | R-19 |
| R-26 | 1" Foamular (R-5) | R-21 |
| R-28 | 1½" Foamular (R-7.5) | R-21 |

THINK PINK

Give your home superior thermal performance. Ask for PINK Thermal Wall construction. It will be a comfort to you and your pocketbook.

ADDITIONAL INFORMATION

For more information about PINK Thermal Wall construction, PINK FOAMULAR sheathing, or any other Owens Corning products or building techniques, visit www.owenscorning.com, or call 1-800-GET-PINK.





INNOVATIONS FOR LIVING™

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**IT'S SMART
TO THINK PINK™**

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