



ResidentialComplete® Wall Systems



Build a better home. Complete Performance. Complete Solution. ResidentialComplete® Wall Systems.

These solutions for residential exterior walls provide incredible thermal efficiency, a complete air and water barrier, and excellent acoustical performance.

Building codes vary from region to region. But no matter where you go, you'll notice that residential building codes are placing more emphasis on effective, energy-efficient solutions.

One significant area of focus is the building enclosure. The building enclosure is the "border" that separates the outside environment from the conditioned space of the home. To create an optimal building enclosure, there are 4 major factors that need to be addressed:

- Air Intrusion
- Vapor Intrusion
- Water Intrusion
- Thermal Performance

The Owens Corning® ResidentialComplete® Wall Systems were each designed to help address a specific challenge in creating the building enclosure. We will show you examples of how to combine them for some common wall solutions, but you can also use these products to create your own customized system that is unique to your building situation and local code requirements.



*Owens Corning calculated energy savings for a 2x4 wood stud cavity wall with R-13 and OSB sheathing, compared to the same 2x4 wood stud cavity wall with R-13 and R-5 FOAMULAR® foam sheathing located in each of the current energy code's eight U.S. climate zones, based on ASHRAE Standard 90.2-2001, "Energy -Efficient Design of Low-Rise Residential Buildings" – American Society of Heating, Refrigeration and Air-Conditioning Engineers, Atlanta, GA. 30329, Oct. 2012.





- Provides a layer of continuous insulation to help prevent thermal bridging
- Exceptional moisture resistance
- Available in a variety of sizes, thicknesses, edges, and compressive strengths
- Features a limited lifetime warranty*
- Easy to use
- SCS certified to have a minimum of 20% recycled content
- GREENGUARD Gold Certified
*See actual warranty for complete details, limitations and requirements

FOAMULAR® Extruded Polystyrene (XPS) Rigid Foam Insulation



- Great for insulating walls, attics, cathedral ceilings and floors
- Provides the highest yield of any loosefill insulation currently on the market
- Non-combustible and non-corrosive
- Non-conductive to moisture retention
- Validated Formaldehyde Free
- SCS certified to have a minimum of 55% recycled content

PROPINK® L77 Loosefill Insulation



- Helps reduce heating and cooling costs*, and sound transmission
- Great for insulating walls and ceilings
- Available plain or faced and with R-values from R-11 to R-49
- The only fiberglass insulation in the USDA BioPreferred® Catalog
- Validated Formaldehyde Free
- NGBS Green Certified
- SCS certified to have a minimum of 55% recycled content

*Savings vary. Find out why in the seller's fact sheet on R-values. Higher R-values mean greater insulating power.

EcoTouch® PINK® FIBERGLAS™ Insulation with PureFiber® Technology



- Reduces air leakage/infiltration
- Dries in 20 minutes
- Can be applied at temperatures from 20°F to 110°F
- NGBS Green Certified
- GREENGUARD Certified

EnergyComplete® Sealant



- Used over FOAMULAR® XPS to seal joints
- Helps enhance a building's thermal and moisture resistance
- Meets criteria as an air and water barrier when used with FOAMULAR® XPS
- Seal does not break as it flexes and stretches with the building
- Seals around nails and staples
- Can be installed in temperatures ranging from 0° to 120° F
- Easy application with a standard tape gun

HomeSealR® Foam Joint Tape



- Used over FOAMULAR® XPS to seal window and door openings
- Helps enhance a building's thermal and moisture resistance
- Meets criteria as an air and water barrier when used with FOAMULAR® XPS
- Seal does not break as it flexes and stretches with the building
- Seals around nails and staples
- Can be installed in temperatures ranging from 0° to 120° F

FlashSealR® Foam Flashing Tape



- Seals out drafts/air between the sill plate and foundation wall
- Durable and easy to install
- Helps resist moisture movement from the foundation into the wooden structure

ProPink ComfortSeal® Sill Gasket

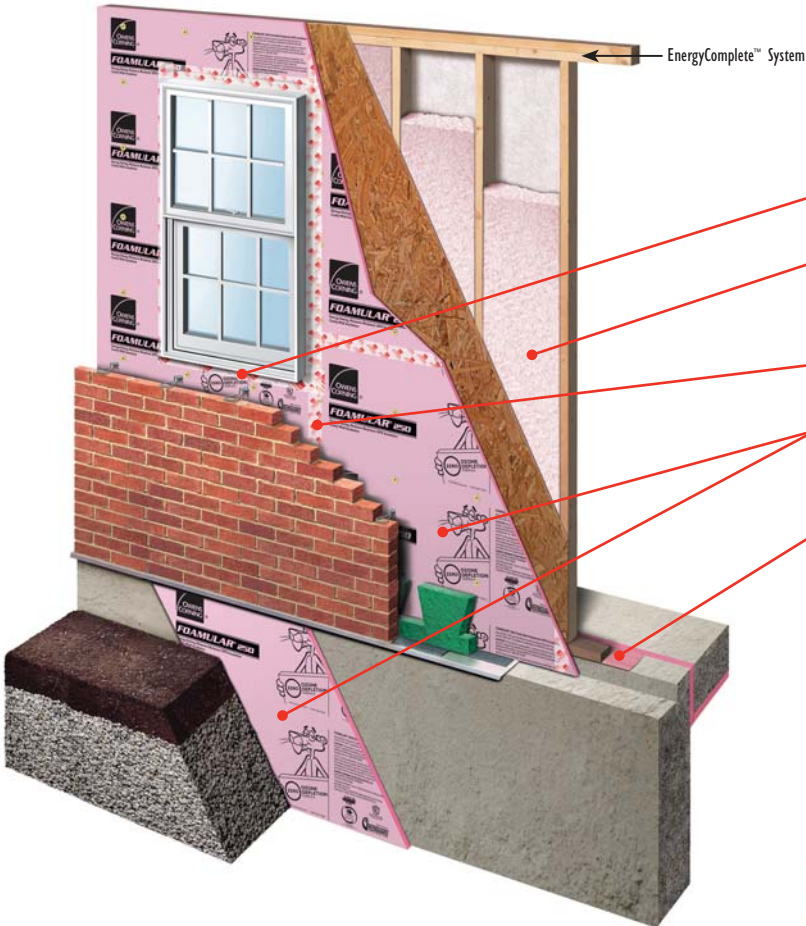


- Compressible polyethylene foam gasket designed to seal air leakage gaps
- Seals out drafts/air between the top plate, base plate, rim joists and floor connections
- Durable and easy to install

ProPink ComfortSeal® Framing Gasket

ResidentialComplete® Wall Systems are approved for use in all 8 climate zones, while still customizable to work with your local building codes and needs. See the ResidentialComplete® Wall Systems Builder's Guide for multiple wall options, wall design details, code suggestions and information.

Visit ResidentialComplete.OwensCorning.com to view the ResidentialComplete® Wall Systems Builder's Guide eBook or scan the QR code to download the app.

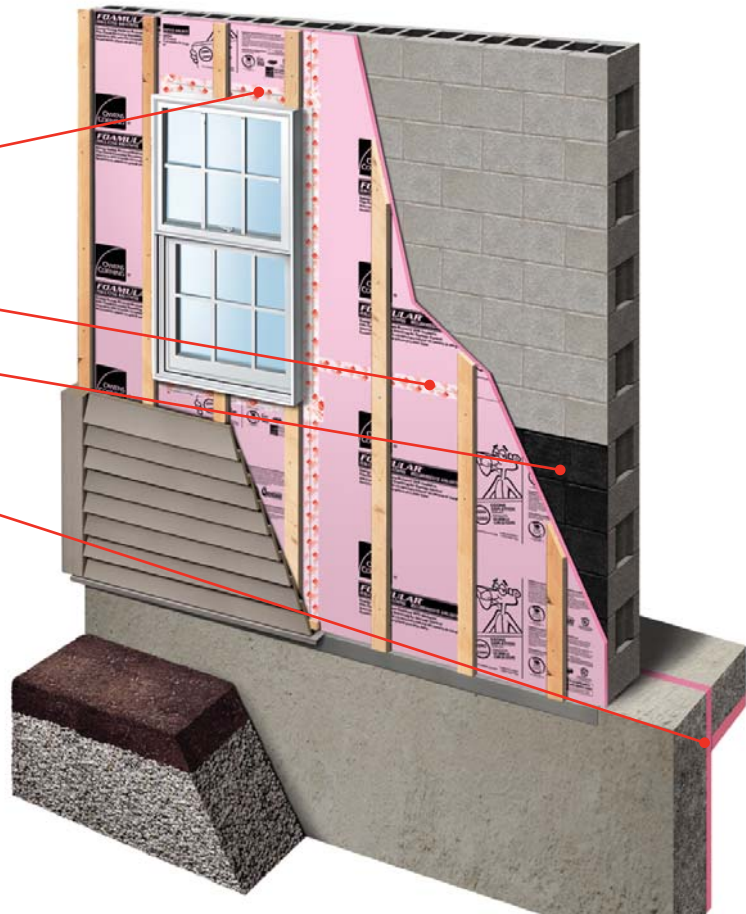


Wood Stud ResidentialComplete® Wall System

- FlashSealR® Foam Flashing Tape
- PROPINK® L77 Loosefill Insulation or EcoTouch® PINK® Fiberglas™
- HomeSealR™ Foam Joint Tape
- FOAMULAR® Extruded Polystyrene (XPS) Rigid Foam Insulation
- ProPink ComfortSeal™ Sill Gasket

Concrete Masonry Unit (CMU) ResidentialComplete® Wall System

- FlashSealR® Foam Flashing Tape
- HomeSealR™ Foam Joint Tape
- Optional Waterproofing Membrane
- FOAMULAR® Extruded Polystyrene (XPS) Rigid Foam Insulation



FOR MORE INFORMATION ON THE OWENS CORNING FAMILY OF BUILDING PRODUCTS,
CONTACT YOUR OWENS CORNING DEALER, CALL 1-800-GET-PINK® OR ACCESS OUR
WEB SITES: WWW.FOAMULAR.COM, WWW.OWENSCORNINGCOMMERCIAL.COM
AND WWW.COMMERCIAL.OWENSCORNING.COM/RESIDENTIALCOMPLETE

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