



INNOVATIONS FOR LIVING™

Insulating System

Exterior Walls



For existing walls, it may be best to have an insulation contractor add loose-fill blown insulation rather than take the wall apart and rebuild. Our Dealer/Contractor Locator will help you find the nearest Owens Corning Certified Energy Professional®.

If your project is a new home, or a remodeling addition, you have a big opportunity to save energy by filling the new exterior walls with insulation, and adding Extra Insulating Power for Exterior Walls by sheathing the outside with FOAMULAR® rigid foam insulation.

Your exterior walls will be comprised of either 2x6 or 2x4 studs. 2x6 stud walls allow for more insulation because of their extra depth. Depending on local codes or your desired R-value for the wall, you may use 5 1/2" thick R-21. R-19 fiber glass batt insulation (6 1/4" thick) can also be used. Compressing it into a 2x6 cavity will lower the R-value to R-18. For 2x4 stud walls, the choices are R-15 or R-13, both of which are 3-1/2 inches thick.



Recommended Insulation Products:

2 x 6 Wall Construction

R-21	Exterior 2 x 6 Wall Fiber Glass Insulation	5 1/2" Thick
R-19	Exterior 2 x 6 Wall Fiber Glass Insulation	6 1/4" Thick

2 x 4 Wall Construction

R-15	Exterior 2 x 4 Wall Fiber Glass Insulation	3 1/2" Thick
MIRAFLEX R-13	Exterior 2 x 4 Wall Fiber Glass Insulation; Perforated Poly Wrap - Poly-faced 1 Side	3 1/2" Thick
R-13	Exterior 2 x 4 Wall Fiber Glass Insulation	3 1/2" Thick

Installation:



1. For standard wall heights, use pre-cut batts rather than continuous rolls. Each piece of insulation is manufactured to the size of the most typical framing, which usually is built either 16 or 24 inches on center and about 92 inches high. These cut-to-size batts will make the job go faster and easier. *MIRAFLEX®* R-13 insulation comes with a poly facing and is ideal for exterior walls. It features a poly wrap over the *MIRAFLEX* fiber batt on three sides so it's easy to handle and install.

2. The insulation should fit snug against the studs and completely fill the cavity to the top and bottom plates. Cut batt insulation to fit snugly around obstructions such as electrical boxes, plumbing and plumbing vent lines.



Note: Never leave faced insulation exposed. The facings on Kraft-and-foil-faced insulation will burn and must be installed in substantial contact with an approved ceiling, wall or construction material to help prevent the spread of fire in the wall, ceiling or floor cavities. Unfaced fiber glass is non-combustible.

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