

PREMIER ICF

INSULATED CONCRETE FORMS

Premier ICF

Insulated Concrete Form System (ICF) is a faster, stronger, greener insulated concrete form system consisting of R-Shield® MPS with termite treated insulation and Premier ICF Tie connectors. The system combines the insulating effectiveness of R-Shield MPS with the structural integrity of concrete. The result is a strong, insulated building. The Premier ICF system is used in residential and commercial construction.

Building Code.

The Premier ICF System functions as an insulated form system only. Design and construction of the concrete wall should conform to the latest edition of the building code in effect for the local jurisdiction.

Installation.

The Premier ICF system uses 1' x 8' planks of R-Shield MPS with termite treatment joined by a Premier ICF Tie connector every 12" both horizontally and vertically. The Premier ICF Tie connector creates a cavity for the concrete between two faces of 2" high-density R-Shield MPS with termite treatment.

The Premier ICF system remains in place after the concrete is poured, serving as wall, insulation, and attachment base for facing material. Floor and roof assemblies are connected to the wall similar to any poured concrete wall.



Premier ICF

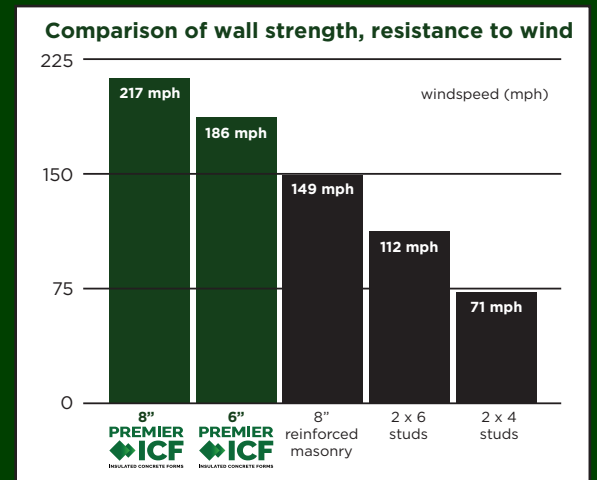


Advantages:

Faster.

Premier ICF is engineered so joints do not need to be staggered, saving time and material cost, and simplifying construction. Premier ICF is easily stacked in even 1-ft. increments, and is easily cut to adjust walls to non-standard heights. Premier ICF makes rebar installation very fast and easy.

Stronger.



Greener.

Energy Efficient Premier ICF significantly reduces air infiltration and thermal bridging in the walls. Premier ICF walls achieve maximum insulation value, saving energy and reducing pollution. R-Shield MPS insulation uses no ozone depleting agents and can be recycled.

LEED Point Potential.

USGBC developed the Leading in Energy and Environmental Design (LEED) Rating System to help encourage sustainable building design. LEED point potential using R-Shield MPS:

- Minimum Energy Performance - 2 Points.
- Optimized Energy Performance - 1 Points.
- Recycle Content - 4 Points.
- Local/Regional Materials - 5 Points.



Proven to meet, or exceed, building codes.

R-Shield is manufactured under an industry leading quality control program monitored by UL and further recognized in ICC ESR-4743 and UL Evaluation Report UL ER40361-01. R-Shield meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



R-value.

Concrete Thickness	4"	6"	8"	10"
R-value at 75°F	18.7	18.9	19.1	19.3
R-value at 40°F	20.3	20.5	20.7	20.9

One of the most destructive forces anywhere is termites. Our Premier ICF uses R-Shield MPS with termite treatment which has a proven and safe additive, that effectively resists termites and meets building code.



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For further information about

Premier ICFs

call: 800-766-3626 or 406-388-4146

visit: www.premiericfs.com

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Construction Details.

The Premier ICF System is easy to handle and installation is fast. Complete detail drawings, technical specifications, and a building techniques video are available. You can download the Premier ICF system documents from our web site: www.premiericfs.com.

Shipping, Handling, and Costs.

Premier ICF comes as compact components - ties and insulation planks. These are easy to handle and less expensive to ship. They occupy only 45% of the volume of typical "block" ICF systems.

- Premier ICF has less labor cost to install because it is simpler to meet job variations.
- Premier ICF materials cost less than many block, metal and plastic composite frame systems.

Ready to Start?

If you're wondering how the Premier ICF system can work on your next project, please contact Premier Building Systems. We'll be happy to provide information about our products, pricing, and answer all your Premier ICF questions.



Disclaimer: Details, illustrations, pictures and guidelines provided herein give basic information and illustrate examples of Premier ICF System installation. The basic information provided herein is not intended to cover every potential use and application of the Premier ICF System. It is the responsibility of the installer to become familiar with his specific application and determine if the Premier ICF System is suitable. By commencing work, the installer accepts full responsibility for the proper and safe installation of the Premier ICF System at his job site. Furthermore, it is the sole responsibility of the installer to meet all federal and local regulatory requirements for job site safety for himself, his workers and any others on the job site while in the execution of all phases of the Premier ICF System installation. Construction must be done in compliance with local building codes.