

The revolutionary, new
Hobbs Vertical ICF Wall System
has 3 distinct advantages.



Vertical ICF Wall System

Go Engineered. Go Easy. Go Green.

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ICF blocks are a
thing of the past.

1. Engineered

Engineered to use 40% less concrete than ICF blocks

- Our unique modified post-and-beam structural design optimizes the use of concrete, saving natural resources and money
- More than 2 years of engineering development, physical testing, and ongoing analysis has resulted in a superior ICF wall system
- Our Fail-Safe Locking Grid Design™ means that the system is straight, level and true, without bowed or wavy walls
- The Hobbs design is widely supported by licensed engineers throughout North America
- To prove the added strength of our composite system, we conducted testing through **Iowa State University**; the test results revealed an increase in strength of nearly 50% when compared to the theoretical engineering design (concrete and rebar alone)



2. Easy

Easier to assemble and requires 50% less labor than ICF blocks

- No tying, gluing, or taping required
- Vertical design means it's safer than ICF blocks as laborers assemble product primarily from the ground
- The design eliminates costly errors such as forgetting to place the rebar
- Assembly is very easy to learn and requires less skilled labor than typical ICF blocks
- Materials are pre-cut before arriving at job site
- The Hobbs system uses less bracing and doesn't rely on ICF bracing to keep system straight and true

Cost comparison: typical ICF blocks vs. Hobbs Vertical ICF Wall System

costs per square foot:	typical ICF blocks	Hobbs Vertical ICF Wall System
Product Cost	\$3.50	\$5.05
Shipping	\$0.00	\$0.20
Concrete – 6" core at \$80/CY	\$1.48	\$0.89 (40% less than blocks)
Pumping	\$0.35	\$0.35
Rebar	\$0.50	\$0.50
Waste	\$0.25	\$0.12
Labor	\$3.25	\$1.63 (50% less than blocks)
Project Specific Engineering	not included	\$0.25
TOTAL COST/sq. ft	\$9.33	\$8.99

Assumptions for the above chart: • 9' 4" wall height • 9 corners • 2200 sq. ft. wall project • Cost based on US regional average

3. Green

Greener and uses more foam to achieve an R-30 insulation value that is 25% greater than typical ICF blocks

- Uses 40% less concrete than typical ICF blocks which reduces environmental impact
- Contains 47% recycled content
- As all excess waste is recycled and put back into the components, nothing gets sent to the landfill during the post-industrial process; the Hobbs design also significantly reduces post-construction waste, to further eliminate trips to the landfill
- In the tenets of "Green" building, 50% labor savings means less environmental burden
- The foam panels contain 39% more foam insulation than typical ICF systems, provides more insulation value, generating higher energy savings, and an exceptional R-30 insulation value (in a 9' wall example)
- Knockdown design reduces trucking, and the majority of the foam components are manufactured and shipped on a regional basis



The ICF Challenge – Vertical vs. Block

To see the video and to learn more about how the Hobbs Vertical ICF Wall System performs better than typical ICF blocks, visit our new site:

www.hobbsverticalicf.com