

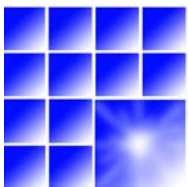
SIPs vs. ICF

You've made the decision to go with an energy efficient building system in your new home. So now, your choice boils down to two alternative systems: SIPs or ICF. Luckily, your decision is easy. Comparing performance and price,

CBS SIPs win hands down.

A Typical New 2,000 sq. ft. Home (40' x 50' exterior dimensions)

	ICF	SIP
Wall Thickness (typical)	11"	5" to 7"
Interior living Space	Thicker walls reduce living space unless exterior dimensions enlarged (zoning and cost permitting)	Up to 180 extra square footage
Cost	ICF costs more then SIPs	SIPs cost less then ICF
R-Value (typical)	R22	R20 (4.5" SIP) to R28 (6.5" SIP)
Building Envelope	Walls and foundations only	Entire envelope (walls, foundations, floors, roofs)
Construction Speed	Typically requires ICF installers with follow-up by concrete pourers	<u>Installed quickly by a single 4 man crew.</u> Door and window framing easy on site.
Interior Finishing	Mounting heavy items may require drilling through concrete	Hanging and mounting is easy anywhere, even with heavy items
Structural Strength	Said to withstand hurricanes, earthquakes	SIP homes withstood earthquakes in Kobe, Japan and Northridge, California, as well as Hurricane Andrew



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