



**PREMIER SIPS**  
STRUCTURAL INSULATED PANELS

# SIPS vs STICKS REAL LIFE COMPARISON



## PRODUCT OVERVIEW

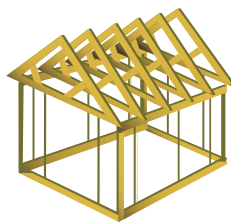
The next generation of building enclosures has “premiered!” Premier Building Systems’ Premier SIPS are truly the epitome of high performance framing. Made with molded polystyrene (MPS) Premier GPS (graphite polystyrene) insulation cores, Premier SIPS offer 41% higher (warranted) R-Values over stick framed construction.

## BASED ON ACTUAL PRODUCTION BUILDER’S 2,500 SF SINGLE STORY HOMES

### Envelope Framing Installation Duration

SIPS FRAMING		STICK FRAMING	
Snap Lines	1 Day	Snap Lines	1 Day
Plate	1 Day	Plate	1 Day
Frame	3 Days	Frame	4 Days
Plumb & Line	1 Day	Plumb & Line	2 Days
Set Beams	1 Day	Set Trusses	2 Days
Roof Panels	1 Day	Roof Sheet	2 Days
<b>Total</b>	<b>8 Days</b>	<b>Total</b>	<b>12 Days</b>

Note: Eleven days saved between snapping lines and drywall installation.  
Note: Additional time saved not having bowed walls or drywall cracking.



### Duration of Rough Trades Exterior Walls & Inspections

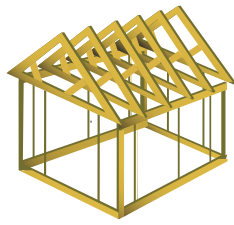
SIPS		STICK	
Drill Studs for Electrical	0 Days	Electrical/ Drill Studs	1 Day
Framer/ Furring Walls	0 Days	Framer/Furring Walls	1 Day
Framer/ Shear Panels	0 Days	Framer/ Shear Panels*	2 Days
Insulation Install	0 Days	Insulation Install	1 Day
Exterior Sheer Inspection	0 Days	Exterior Sheer Inspection	1 Day
Insulation Inspection	0 Days	Insulation Inspection	1 Day
<b>Total</b>	<b>0 Days</b>	<b>Total</b>	<b>5 Days</b>

Note: Days will vary with size of home and weather conditions.  
Note: Stick frame shear panels arrive pre-cut for windows & doors

## FRAMING, ELECTRICAL & INSULATION INSTALLER LABOR SAVINGS USING PREMIER SIPS

FRAMER			ELECTRICIAN		
4 Days Saved on Labor	\$27.00 per hr.	\$864.00	1 Day Saved Drilling Studs	\$12.00 per hr.	\$96
3 Man Crew Instead of 5 (1 Day Savings)	\$27.00 per hr.	\$432.00	Insulation		
1 Day Saved Furring Walls	\$27.00 per hr.	\$216.00	Money Saved No Insulation in Walls	\$800	
2 Days Saved Shear Panels	\$27.00 per hr.	\$432.00	Money Saved Not Installing in Ceiling	\$600	
Total Framing, Electrical & Insulation Installation Labor Savings: \$3440.00					

\* Labor figured at Prevailing Wage



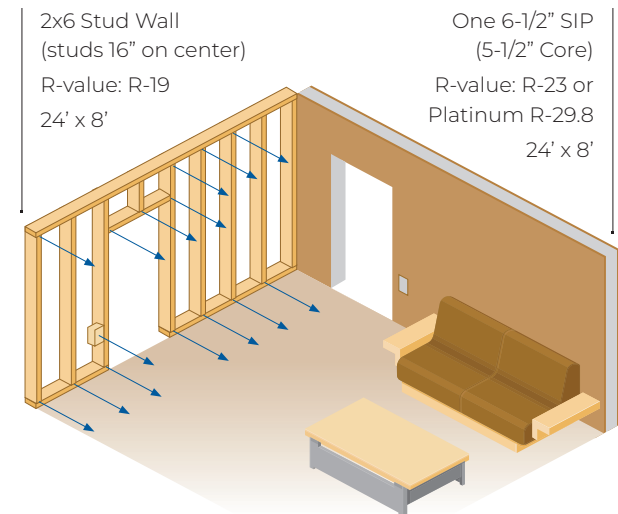
### FRAMING ACTUAL MATERIAL COST\*

SIPS	STICKS
\$28.88 sf	\$27.50 sf
<b>\$72,187.50</b>	<b>\$68,750.00</b>

\*Material only - approximately. 25% of building cost.  
Does not include labor & external system savings.

Up to 60% Greater Energy Efficiency & Significantly Healthier Indoor Air Quality.

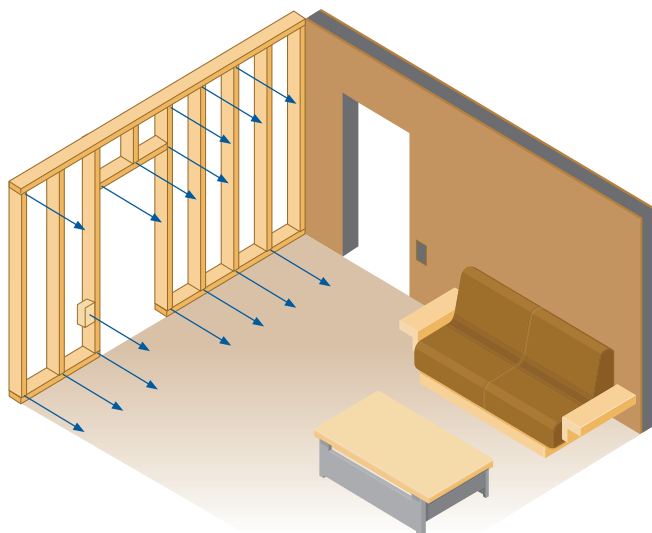
SIPS Are Fifteen Times More Airtight Than Stick Framing, Arrows = Air Transfer.



BOTTOM LINE MATERIAL & LABOR COST COMPARISON	
Building Cost with SIPS Framing	\$278,437.50
Building Cost with Stick Framing	\$275,000.00
Difference in Framing Cost with SIPS	+ \$3437.50
Savings in Labor & External Material with SIPS	\$3440.00
SIPS Envelope Breaks Even	+ \$2.50
SIPS are significantly more energy efficient (Enables downsizing HVAC unit from 5 ton to 3 ton)	\$278,437.50
Building Cost with Stick Framing	\$275,000.00
<b>Total Savings with SIPS</b>	<b>\$1902.50 per unit</b>
<b>10 Unit Savings with SIPS (Profit to Builder)</b>	<b>\$19,025.00</b>
<b>50 Unit Savings with SIPS (Profit to Builder)</b>	<b>\$95,125.00</b>
<b>200 Unit Savings with SIPS (Profit to Builder)</b>	<b>\$190,250.00</b>
<b>200 Unit Savings with SIPS (Profit to Builder)</b>	<b>\$380,500.00</b>

**CONVENTIONAL**  
(2x6 framing 16" on center)  
24' x 8' - R21

**PLATINUM SIP**  
(Platinum GPS Core)  
24' x 8' - R29.8



Arrows = Air Transfer

## FURTHER COST SAVINGS

- Reduced drywall cracking as house settles less with SIPs panels
- Energy savings for home owner
- Finish trades require less time dealing with bowed walls (Tile, Cabinets, Millwork, Flooring, etc.)
- A possible reduction in crane rental time when using roof panels instead of trusses
- A possible reduction in hardware such as hold downs when using wall panels.
- Electrical installers pull wire through pre-drilled chases, regularly showing reduced installation time and costs.
- Increase in savings can increase for larger homes/multi-floor properties.

## READY TO STEP UP YOUR STRUCTURES? START HERE.

Contact your nearest Premier SIPs representative. We will be happy to collaborate with you to determine how to best incorporate Premier SIPs as part of your complete material package. For additional information on Premier SIPs and to contact your nearest representative visit [www.premiersips.com](http://www.premiersips.com).



Website: [premiersips.com](http://premiersips.com) Toll Free: 800-275-7086

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