

portersIPS™

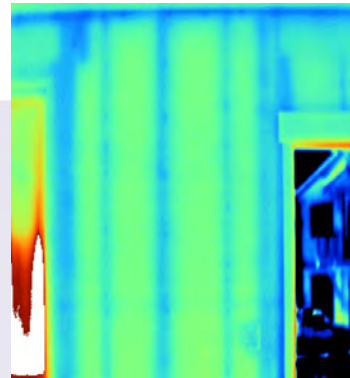
Structural Insulated Panels



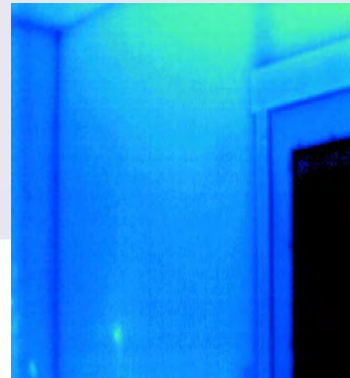
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Stick



SIPs



- Energy Star V3 (Ready to meet)
- Less Operating Cost
- Reduced Mechanical Systems
- Air Tight Construction
- Credits and Incentives
- Avoid Landfill Cost
- Scrap Recycled At Factory
- R-Value

Utility costs have been proven to go down by as much as 50-80% in a SIP building when compared to a conventional stick built structure.

- No Job Site Waste
- No VOC's
- Improved Air Quality
- No Blowing Agents
- Safe Insect Protection
- No UREA Formaldehydes
- Supports LEED

- Commercial Build Cycle
- Occupy Sooner
- Less Premium Site Labor
- High Quality
- 3x Faster (3-5 days with SIPs)
- Set More Square Feet Per Day

Healthy Spaces

Fast Construction

Save Energy

Turn Key Solution

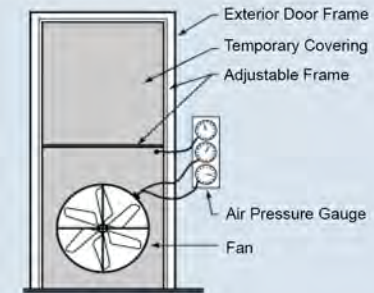
Panel Benefits

Energy Code

porterSIPS™ Advantage

Diagnostic Tools

Testing the airtightness of a home using a special fan called a blower door can help to ensure that air sealing work is effective. Often, energy efficiency incentive programs, such as the DOE/EPA Energy Star Program, require a blower door test (usually performed in less than an hour) to confirm the tightness of the house.



- Durability
- Code Report - 2013 Updated
- Fire Rated Assemblies
- Seismic Stability
- Stronger Than 2x/Stick Construction
- Insect Protection
- Larger Spans (24')
- Improve Construction Quality
- Engineered To Any Wind Load

- Exceeds 2012 Build Code
- Blower Door Test Ready
- Improve HERS Rating*
- ASHRAE Rating** (.5-1 ACH50)
- Less Steps To Meet Energy Standards

* Home Energy Rating System
** American Society of Heating, Refrigerating and Air Conditioning Engineers

Building with SIPs is up to 3 times faster than stick built



Day 1



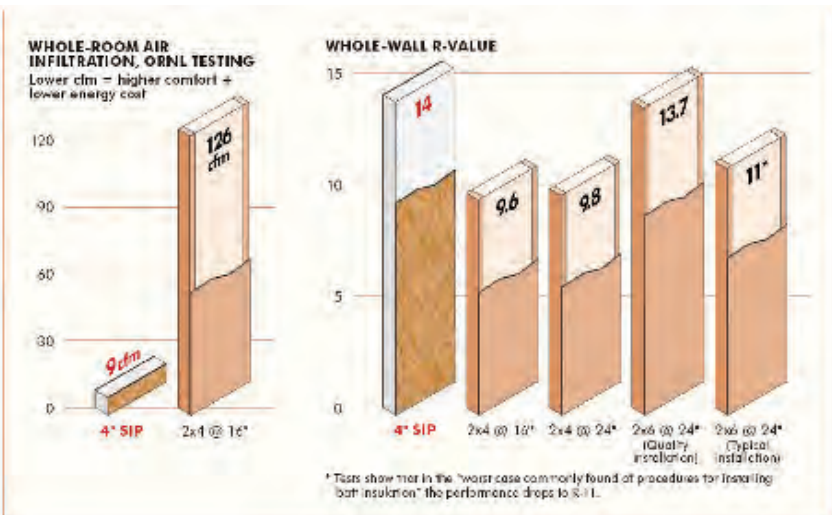
Day 2



Day 3



Final



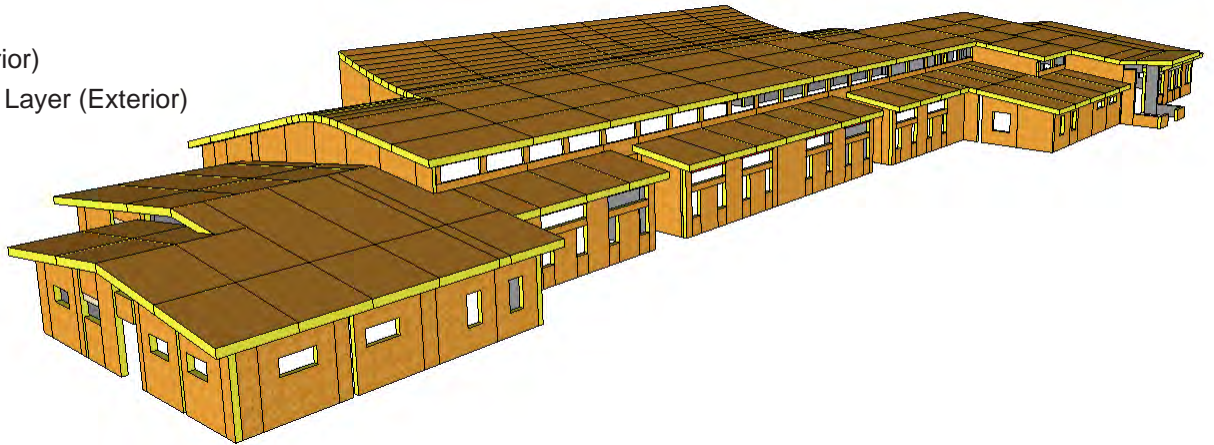
EPA estimates 1 billion board feet of salvageable lumber from stick built homes is wasted every year. That is enough to build 62,000 new 2000 square foot homes

**Optimum Value Frame
(New Stud Construction)**

vs.

SIPs

Studs	SIP Panel
Sheathing	Drywall
Spray Sealant Barrier (seal stud frame)	Drainage Layer (Exterior)
Fiberglass Batt Insulation	Siding Layer
Drywall	
Drainage Layer (Exterior)	
Continuous Insulation Layer (Exterior)	
Siding Layer	



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