

SIPs: Structural Insulated Panels



The Environmentally
Sound Framing Solution

The Premier SIPs Advantage



PREMIER
BUILDING SYSTEMS

STRONGER. STRAIGHTER. GREENER.

Benefits you'll enjoy by choosing Premier SIPs:



STRONGER.

Far stronger than stick-frame construction...

- Extensive testing confirms that Premier SIPs are stronger than conventional framing
- Strong framing product allows for longer spans, often without a truss system
- More durable against earthquakes, storms and insects



STRAIGHTER.

Why settle for the imperfections of lumber?

- Large panels form straight and consistent engineered walls with less warps and cracks than stick framing
- Reduced framing installation time with fewer builder callbacks
- Straight factory cut doorways, windows, and archways



GREENER.

The ultimate green framing product...

- Up to 60% savings on heating/cooling costs
- Better indoor air quality and exceptional comfort
- Reduced pollutants and energy consumption
- Premier SIPs provide valuable points towards building initiatives (LEED, NAHB GBG, Article 24, etc.)

The Ultimate Framing Product

Premier Building Systems, North America's largest manufacturer of Structural Insulated Panels (SIPs), distributes one of the ultimate structural framing products available today. Premier's SIPs offer both a structural insulation and a framing system in one fast application. From roof to the floor, Premier's pre-insulated SIPs offer unsurpassed construction technology, timeless design options and exceptional strength to



withstand all weather conditions better than stick framing methods.

Ideal for residential and light commercial construction, Premier SIPs can arrive directly to the job site

pre-cut, per floor your plans, ready for installation. Construction framing is complete in days, not weeks, saving you valuable time and money, while offering a far superior product than stick framing methods. The ultimate framing system, Premier SIPs are stronger, straighter and greener.





Benefits of Planning and Designing with Premier SIPs:

- Endless design resource including: details, specifications, drafters to panelize your plans and a staffed technical center for SIPs conversion assistance
- Ideal for residential and light commercial applications. Premier SIPs can arrive directly to the job site factory cut, per your floor plans, ready to install
- Highest design values for wind loads, snow loads, and seismic activity
- Help projects qualify for environmental certifications
- Premier SIPs are a true green building product, improving energy efficiency up to 60% while reducing atmospheric pollutants
- Superior interior comfort with up to 60% higher whole wall efficiency than 2x6 R-19 construction
- Structures don't require a roof truss system, ideal for extra living space & cathedral ceilings
- Programmed delivery and faster job site assembly
- Factory controlled manufacturing for precision and accuracy
- Manage more projects by specifying Premier SIPs for the complete building envelope

Benefits of Building with Premier SIPs:

- Faster installation with pre-cut roof, wall, and floor panels
- Reduced framing installation time
- Consistent and predictable engineered product
- Stronger than traditional lumber framing
- 60% higher whole wall efficiency than that of 2x6 R-19 construction
- Reduced callbacks and warranty claims
- Up to 60% less job site construction waste
- Building code compliance
- Reduced HVAC system costs
- Technical, installation support and available on-site assistance
- Ideal for residential and light commercial applications

Benefits of Living in a Premier House:

- Quiet and comfortable interior environment
- Warmer in the winter, and cooler in the summer
- Reduced heating/cooling bills by up to 60%
- Superior indoor air quality
- Reduced penetration of outside pollutants
- Stronger than traditional framing methods to protect against mother nature (storm, insect, and earthquake resistant)
- Peace of mind through a sound warranty*



* Must be requested at time of purchase

Environmentally Sound

You've heard the buzzwords: sustainable, quality, green. Premier Building Systems, North America's largest manufacturer of SIPs, offers a framing system that embodies these buzz words. Premier's SIPs are one of the most environmentally conscious building products available in the industry.

In addition to qualifying for environmental tax benefits and achieving superior resale values, choosing Premier SIPs offers building and homeowners up to 60% savings in annual heating and cooling costs. The clear advantage of Premier SIPs is a stronger framing product that is also good for the environment.

The Nuts & Bolts of Premier SIPs



Premier SIPs consist of an expanded polystyrene (EPS) core laminated between two sheets of oriented strand board (OSB). These components, laminated together, provide a strong building panel that needs no additional frame or skeleton for support. Premier's large SIPs make the framing process much faster than other framing methods.





“Premier SIPs arrive on site pre-cut, install very fast with less framing waste. They have a higher insulating value than conventional insulation. Premier has made the transition from conventional framing to SIPs easy.”

**Chuck Walker, KB Homes Project
Superintendent, Sacramento, CA**



“Out of nine net-zero energy test houses in the U.S., five are made from SIPs. These five houses are the closest available to net zero energy construction.”

Oakridge Independent National Laboratories



Product Quality Standards

Premier SIPs are rigorously tested to meet and exceed building code standards. Full-scale comprehensive testing has helped Premier achieve some of the highest load capacities and insulation/R-values in the SIPs industry. In addition to accurate testing data, the manufacturing environment is factory controlled with exact precision through some of the most advanced computer controlled equipment in the SIPs Industry. It's our way to ensure that we offer the highest quality products that are accurate to your floor plans.

“Using Premier SIPs saves time in construction, labor costs, waste to take to the dump, and monies to the builder/developer on the bottom line. The cost of SIPs versus stick framing is very competitive.”

**Edward L. Torres, President
Pro-Active Land Development**



“Working with the panels proved very easy from a design standpoint. We were able to translate my concepts from drawing to structure without sacrifice.”

Glen Aasland, Architect – Vail Associates, Colorado



“SIPs are so significant to airtight construction that Energy Star has waived the requirement for blower door tests for SIPs construction, across the U.S.”

**Energy Star for Homes,
U.S. Environmental Protection Agency**



Exceptional Design & Construction Support

A dedicated support team is available to help you every step of the way. Contact us early and often for support with planning, SIPs conversion, labor efficiency, shipping logistics, and installation training. Premier is the leading manufacturer ready to help you convert from your current building practices to SIPs. In the office or in the field, our construction support is why our clients come back to us year after year.



“FACT: A Premier 6” SIP has 60% higher whole wall efficiency than that of 2x6 R-19 construction methods.”

**1997 Independent Laboratory
PBS SIPs Code Testing**

“It only costs an average of \$200 to \$300 a year to heat one of my Premier homes. That’s anywhere from one-fifth to one-sixth the typical costs for this region, so the savings are pretty significant and the homeowners love that.”

Scott Bergford, President of Scott Homes



Contact us today to learn more about why Premier should be the one building design product that you turn to every time.

www.pbssips.com 800.275.7086



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