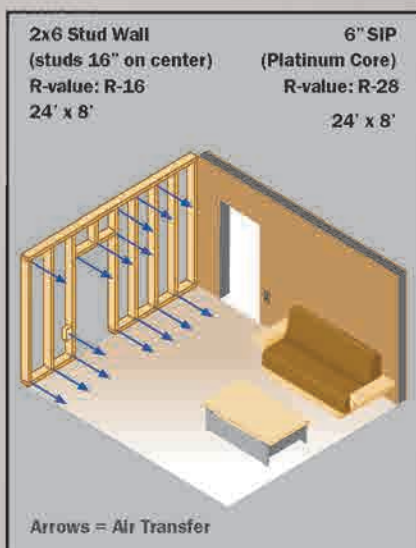


HIGHER WARRANTED R-VALUES, HIGHER PERFORMING ENVELOPES



The next generation of building enclosures are HERE! Platinum are truly the Epitome of High Performance. Made with Insulfoam's Platinum GPS (graphite polystyrene) insulation cores, Platinum SIPs offer 21% higher warranted R-Values than standard EPS SIPs, and can regularly deliver thinner panels while achieving far greater R-Values over stick framed construction.



- ▶ **Higher Warranted R-Values:** Our standard EPS SIP system creates a tight building envelope, which reduces heating and cooling costs by up to 60%. With a further increase in R-Values of up to 21%, Platinum SIPs offer even more significant savings on operating costs as well as greatly reduced mechanical (HVAC) equipment needs.
- ▶ **Higher Insulating Values:** Unlike other rigid insulation, Platinum insulated cores drives an increase in R-Values even further the colder the temperature gets. In fact, Platinum SIPs R-Values actually increase in colder weather.
- ▶ **Fast Installation:** Large, pre-cut structural panels assemble like a jig saw puzzle, and allow a building envelope to be erected up to 55% faster. SIP structures require less skilled labor, enable businesses to open sooner, and allow homeowners to move in faster.
- ▶ **Thinner Framing:** Thinner panels have the potential to achieve impressive high efficiency which in turn can reduce accessory costs (shorter fasteners, thinner connection pieces) and transportation costs tied to the shipment of SIPs from the factory to the jobsite.
- ▶ **Healthy:** Tighter SIP structures keep pollutants out and create better indoor air quality, more comfortable operating environments, and require less energy to stay cooler in the summer and warmer in the winter.
- ▶ **Design Flexibility:** Virtually any design can be framed with SIPs, including multi-story
- ▶ **Environmentally Responsible:** SIPs typically produce 30% less jobsite waste than traditional construction and are recyclable, reducing the burden on our natural resources.
- ▶ **Code Approved:** SIPs are recognized by key code approval agencies, easily meet energy code requirements.
- ▶ **Stronger:** SIPs structural oriented strand board (OSB) panels, provide a solid surface across the entire face of every panel, unlike drywall over studs which has significant wall cavities. The structural integrity of SIPs stand up well to damage that can occur with commercial & retail traffic.
- ▶ **Straighter:** With the predictability of an engineered straight product, you won't deal with imperfections and bowing of lumber. Finished walls are straight, which saves on drywall installation, painting and other finishing work.
- ▶ **Greener:** Environmental Tax Credits, design to (LEED) rating systems, IAQ & More!


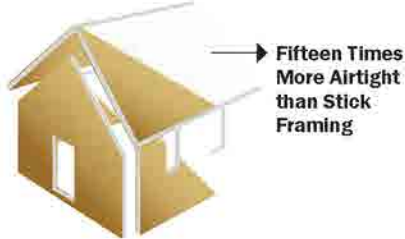
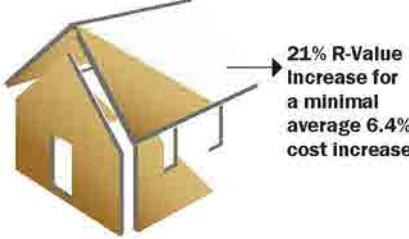
THE EPITOME OF HIGH PERFORMANCE

PLATINUM SIPS POWER UP DESIGN, CONSTRUCTION & ENERGY EFFICIENCY

►The Science Behind Platinum:

Premier's Platinum SIPS are made with Insulfoam's graphite polystyrene (GPS) cores which increase each panel's resistance to the flow of heat – also known as R-Value. Increased R-Values are achieved with Platinum through the graphite's ability to reflect radiant heat like a mirror. The result is a cost effective way to increase Premier's already high performance SIPS by an improved R-Value of up to 21%.

Framing options: Platinum increases energy efficiency without significant cost increases

PREVIOUS OPTION	BETTER OPTION	BEST OPTION
CONVENTIONAL STICK FRAME CONSTRUCTION	PREMIER EPS STRUCTURAL INSULATED PANELS	PLATINUM GPS STRUCTURAL INSULATED PANELS
		
2"x6" Advanced Framed Structure With multiple layers of insulation, field measuring and cutting of regularly bowed dimensional lumber, and hours of install labor, builders can achieve required energy codes with advanced framing. However, stick framed structures still have many gaps for air infiltration & for pollutants to enter a structure.	Premier SIPS Structure Fifteen times more airtight (Energy Efficient) than stick frame construction. Because of this efficiency, blower door test results are often well below 1.5 Air Exchanges/hr.	Platinum SIPS Structure Same impressive attributes of our EPS SIPS, but with even greater R-Values – up to 21% greater than our traditional SIPS and eighteen percent better than a typical stick framed structure.

PLATINUM
 Your Best Choice
 for Passive House
 Design & Northern
 Climate Construction

Platinum SIPS R-Value Comparisons				
Core Thickness	Premier SIPS R-Value @ 24°C	Platinum SIPS R-Value @ 24°C	Platinum SIPS R-Value @ 4.5°C	Platinum SIPS R-Value @ -4°C
3-1/2"	15	18.1	18.8	19.6
5-1/2"	23	27.5	28.6	29.8
7-1/4"	30	35.7	37.2	38.7
9-1/4"	37	45.1	47.0	48.9
11-1/4"	44.9	54.5	56.8	59.1



WEST-ECO

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