

Structural Insulated Panels (SIPS)

605-902-1280
CREATIVEPANELSOLUTIONS.COM

Structural Insulated Panels (SIPS)

DURABLE, EFFICIENT & EASY TO INSTALL

Structural Insulated Panels (SIPs) are a high-performance building system used for residential, agri-culture, light commercial construction. The panels consist of an insulating foam core sandwiched between two structural facings, typically oriented strand board (OSB) or other durable materials. SIPs provide superior strength, energy efficiency, and speed of construction compared to traditional build-ing methods.

- MOISTURE RESISTANT
- DURABLE
- EASY MAINTENANCE
- COST-EFFECTIVE INSTALLATION
- VERSATILE
- CUSTOMIZABLE
- HYGIENIC
- AIR-TIGHT
- LONG-LASTING
- ENHANCED INSTALLATION

Applications

COMMERCIAL BUILDINGS

Ideal for office buildings, retail spaces, and other commercial structures.

AGRICULTURAL BUILDINGS

Used in barns, storage facilities, and other agricultural structures.

ROI

ENERGY SAVINGS

Reduced utility bills due to superior insulation and airtightness.

INCREASED PROPERTY VALUE

Higher resale value due to energy efficiency and durability.

LOWER MAINTENANCE COSTS

Enhanced durability and reduced need for repairs.

Standard Options

THICKNESS

Available in various thicknesses to meet different R-value requirements.

SIZES

Custom per job.

FACINGS

Options include oriented strand board (OSB), plywood, and other materials.

CORE MATERIALS

Typically made with expanded polystyrene (EPS). Choose from standard R-18, R-26, R-33, R-40 walls or roof.

FINISHES

Panels can be finished with various exterior and interior finishes to meet aesthetic and functional needs.





Why choose CPS?



QUALITY OF RAW MATERIALS

We source only premium Douglas Fir directly from the mill and rigorously inspect all raw materials before they enter our manufacturing process. We guarantee no compromises on material quality and remain fully transparent about the materials used in your final product.



RELIABLE

Our SIPs are multiple times stronger than traditional building methods, able to withstand extreme weather conditions, including high winds and seismic activity. Built with a solid foam core and structural OSB, they resist warping, cracking, and moisture, making them durable and long-lasting.



EXTENSIVE EXPERIENCE

With over two decades of expertise in SIP manufacturing, we bring unmatched knowledge and precision to every panel we produce.



COST EFFECTIVE

Our SIPs maximize energy efficiency and reduce construction time, offering significant savings. We build to spec, avoiding extra design costs, and our project costs are 20-30% lower than any other SIP manufacturer, all while using premium materials.



INNOVATIVE

Our advanced SIP technology ensures exceptional thermal performance for energy-efficient and sustainable builds. For added durability and versatility, we offer a range of additional laminates, including aluminum, HDPE, FRP, and more, tailored to meet the specific demands of your project.



CUSTOMIZABLE

Made-to-order to meet the unique needs of your project, our SIPs come in a variety of sizes and configurations to ensure a perfect fit.

Additional Products

Nailbase











EPS Nailbase is an innovative and high-performance insulation solution designed for a variety of construction applications. Combining a layer of Expanded Polystyrene (EPS) insulation with a nailable surface, EPS Nailbase panels offer excellent thermal performance, ease of installation and structural support, making them an ideal choice for energy-efficient building envelopes.



EPS FOAM

Available in foam densities of 1, 1.5, and 2 lbs. The R-value ranges from 3.9 to 43.3, depending on the thickness and size of the foam, with thickness options from 1" to 11-1/4" to meet your specific R-value requirements.

PANELS SIZE AND TYPE

OSB	CDX Plywood	
		
4'x8'-24'	4'x8'	4'x10'
		
		
		

Complete your Project with CPS Accessories

We provide everything you need to complete your SIP projects seamlessly, from fasteners and moldings to battens and sealants. With a comprehensive range of materials that can be packaged with your SIP order, we ensure you have all the necessary components to streamline installation and guarantee a successful build.

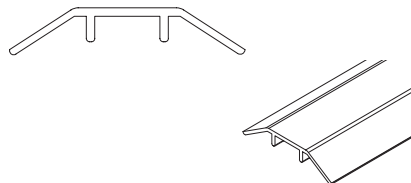
SIP-SEAL®

High-performance adhesive and sealant.



ALUMINUM BATTENS

Size: 1-3/4" & 1-1/4" width
Available in 8', 10', and 12' lengths
Punched or Unpunched



FASTENERS AND RIVETS

