

BUILDING COMPONENTS



- ☑ Save Labor in the Field
- ☑ Complete Building Packages
- ☑ Precision Construction
- ☑ Components Only
 - Roof Trusses
 - Floor Trusses
 - Pre-assembled Stud Walls



Simply Better Buildings

Energy Panel Structures was established in 1981 as a wholly owned subsidiary of the MacArthur Company of St. Paul, MN.

Energy Panel Structures has had several expansions at the Graettinger, Iowa headquarters. EPS has a network of over 400 independent authorized dealers across the U.S. Learn more at epsbuildings.com.

EPS has had a manufacturing plant in Perryville, Missouri since 2010.

Our commitment to cost-effective pre-engineered building systems has led to unprecedented growth. EPS is known for a diverse market of products from agricultural, commercial, residential and industrial building systems.



Perryville, Missouri



Graettinger, Iowa

Flexible and Versatile



EPS customers will enjoy peace of mind with the revolutionary system that improves efficiency, reduces risk and provides for the most advanced building system in the industry.

THE EPS PROCESS:

- Detailed quoting
- Manufacturing
- Pre-engineered Components
- Delivery

Technology-Driven Manufacturing

Automated Truss Lines

Our laser-guided truss assembly system reduces errors and improves efficiency. The system projects an exact laser template of the truss to be built highlighting the position and shape of all truss joints and connector plates.



Automated Floor Trusses

Floor trusses are custom manufactured to your exact lengths and are delivered in bundles clearly coded for rapid placement.



Milling

Computer controlled saw mills make precise and accurate cuts of lumber.



Technology Driven Manufacturing



Wall Panel Line

- True, straight components
- Precise squaring, flush joints
- Precision, heavy-duty nailing
- Fast efficient assembly



Pre-Assembled Stud Walls

WHAT ARE PRE-ENGINEERED PRE-ASSEMBLED STUD WALLS?

Advanced manufacturing technology allows for pre-engineered wall sections to be produced in factory controlled conditions then shipped to the building site for construction.

Design Flexibility

- Complete design customization
- Design to fit any budget and style

Reduced Construction Time

- Ability to move in more quickly
- Ability to predict and meet completion dates
- Reduces construction loan costs
- Year-round construction is more feasible

Material Savings

- Computer-aided manufacturing catches potential conflicts
- Eliminates waste and human errors
- Reduced scrap and job site cleanup
- Built in a climate-controlled environment

Improved Quality

- Built in a climate-controlled environment
- Built to International Building Code
- Automation results in consistent fit and finish
- Tighter fit results in efficient structure
- Precisely square and dimensionally correct
- Experienced and skilled staff



What are SIPs?



WHAT ARE SIPs?

Structural insulated panels are high-performance building panels used in exterior walls and roofs for residential and light commercial construction. The panels are made by sandwiching a core of rigid foam insulation between two skins of wood structural panels, typically oriented strand board (OSB) or plywood.

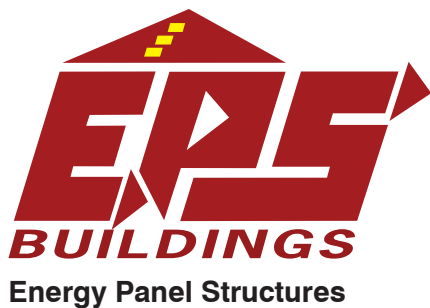
The foam core of the panel is typically composed of expanded polystyrene (EPS), structural adhesive is used to adhere the foam cores to the skins of the panel in the lamination process. Once laminated, panels can be fabricated either on site or in the manufacturing plant to meet the design specifications of a home and shipped to the site for a quick and easy installation.

- Up to 15 times more air-tight
- Reduces energy costs
- Stronger and straighter



■ **SUPERIOR QUALITY** ■ **REDUCE LABOR**

Combining advanced technology and automation, EPS uses high-quality materials to manufacture all of the components for residential, agricultural and commercial buildings. Trusses, wall panels and other components are built in climate controlled conditions with state-of-the-art manufacturing equipment to assure accuracy, speed and quality. This transfers to a shorter build time, less waste and increased efficiency.



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100% Employee Owned—100% Committed to Quality

INDEPENDENT AUTHORIZED BUILDER:

