

porterSIPS™

Structural Insulated Panels



HIGH PERFORMANCE
BUILDING SYSTEMS
FOR CHAIN &
COMMERCIAL
CONSTRUCTION



COMPLETE SHELLS. FRACTION OF THE TIME.

PorterSIPs (Structural Insulated Panels) can be a single source provider of ready-to-assemble packages. These turnkey solutions can vary in scope and include not just the SIPs, but additional features such as truss packages and installation. Improve your critical path with a complete PorterSIPs envelope.



PORTERSIPS DIFFERENCE

Fast Construction

- Earlier occupancy
- Combined structure & insulation
- Precision CNC manufactured panels
- Up to 300% faster shell construction
- Improves prototypical efficiencies
- Reduces structural supports
- Up to 24' clear spans

Cost Saving

- Reduces operating costs
- Energy efficient
- Improves critical path timeline
- Eliminates construction trades
- Factory provided installation
- Single source building envelope
- Requires less structural support
- Shell project management provided

Environmentally Friendly

- Contributes to LEED certification
- No SIPs job site waste
- Reduces landfill costs
- Exceeds code requirements
- Airtight construction
- Superior R-values
- Reduces HVAC size requirements
- Improves HERS rating*
- Fewer steps for energy requirements

*Home Energy Rating System

ONE SOURCE PROVIDER

Structural Insulated Panels

Insulating layer of rigid EPS (Expanded Polystyrene) sandwiched between two layers of OSB (Oriented Strand Board). SIPs are a unique building product that combines structure and insulation in one large rigid panel.

Structural Materials

Provide & Install:

Wood truss, steel truss, columns, beams, headers, purlins & girts

Framing:

Interior walls, dormers, bump outs, & parapets

All plating, window, and door rough framing

Headers over framing

Engineering Support

Engineered shell

Sealed engineering drawings

Sealed engineering calculations

3rd party quality control

Code listed

Additional engineering services

3D model CAD drawings

Installation (US/Canada)

Manufacturer supplied installation

Union/non-union labor

Servicing North America

Efficient & fast installation crews

Insured and bonded

Building with SIPs is up to 300% faster than stick built construction



Day 1



Day 2



Day 3



Final

REPEATABLE CONSTRUCTION

PorterSIPs has experience working with architects to value engineer a design for repeated use. These repeatable buildings can be optimized for material utilization and be shipped as a ready-to-assemble package to your job site anywhere in the country. Installation is also available.



PORTERSIPS ADVANTAGE

PorterSIPs are the key to faster construction and energy efficiency.

- SIP buildings use up to half the energy of conventional construction.

- SIPs can be used on most building designs and are particularly useful in open designs with long roof spans.

- SIPs can be erected 300% faster than conventional building.

- SIPs are designed and engineered to meet required loads and are inherently stronger than conventional framing.

- SIP buildings have less interior noise, fewer drafts, and more consistent interior temperatures.

- SIP buildings have better control of air quality due to their inherent air-tightness.

- Building with SIPs helps earn LEED points.

porterSIPS™
Structural Insulated Panels

616.888.3500

www.portersips.com

PORTER CORP.™
A PLAYCORE Company