eco-$mart

Sustainable building solutions since 1993

Service-Disabled
Veteran Owned Business

MGO BOARD SKINNED

Structural Insulated Panel System

Build efficiently. Live comfortably. Built for lasting value.

A smarter building envelope

Secure-Lock SIPs combine an expanded polystyrene (EPS) insulation core with magnesium oxide (MGO) board skins. Factory-built panels create an insulated structural system for residential and commercial floors, walls and roofs.



BEFORE EXTERIOR FINISH

Pasco MGO SIP home



AFTER EXTERIOR FINISH

Pasco MGO SIP home



FINISHED INTERIOR

MGO SIP roofs create open vaulted ceiling interiors.

- **Energy-saving insulation**
  EPS insulation and a tight building envelope help reduce heating and cooling demand.
- **Fire-resistant board skins**
  MGO board provides a fire-resistant surface for added building-envelope protection.
- **Eliminates Furring and Drywall**
  MGO board serves as drywall but does not harbor mold, is fire-resistant and much stronger than drywall.
- **Faster on-site assembly**
  Prefabricated panels streamline enclosure and reduce on-site construction steps.
- **Mold and pest resistance**
  MGO skins resist mold and pests, supporting durable, lower-maintenance construction.
- **Less reliance on timber**
  Panel construction reduces the need for conventional wood framing.

Ready to build? Eco-$mart has a national network of contractors to build with this system and can train your chosen local contractor.

START YOUR SIP PROJECT

941.376.8484 | info@ecosmartinc.com | ecosmartinc.com

View product details & request project-specific information at ecosmartinc.com

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COMMERCIAL CONSTRUCTION

A scalable approach to multistory building

Apartments | Hotels & resorts | Workforce, student & senior housing

UP TO 5 STORIES

The MGO SIP system can eliminate the need for a separate steel structure in buildings up to five stories, subject to project-specific engineering and code approval.

TALLER BUILDINGS

MGO SIP wall, floor and roof systems can complement a steel superstructure, combining an insulated panel envelope with engineered support for greater building heights.



MGO SIP walls integrated with steel framing and trusses.

Faster enclosure & repeatable floors

Factory-produced panels reduce piece-by-piece field framing and support a consistent erection sequence.

Coordinated construction

Plan openings, connections and MEP routes before manufacturing. Sequenced deliveries simplify staging and installation.

Energy-conscious building envelope

An insulated core and properly sealed joints help reduce heat transfer and heating and cooling demand.



Floor-by-floor assembly concept

Illustrations show a four-story steel-supported concept, including steel floor and roof trusses; they do not depict a steel-free system. Structural design, allowable height, connections and fire-rated assemblies require project-specific engineering and approval.

LET'S PLAN YOUR COMMERCIAL PROJECT

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National contractor network + training for your chosen local contractor