



BuildGreen SIPs

Progressive Building Systems for Sustainable Structures

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ResCom (MGO) Structural Insulated Panel MGO SIP

BuildGreenSIPS now offers a ResCom (Magnesium Oxide - MGO) Structural Insulated Panel. ResCom - SIP Panels are revolutionizing the construction industry, and with good reason.

MGO Structural Insulated Panels

Provide an affordable and incredibly fast installation system which is easy to use for complete buildings or parts of a structure such as: foundations, walls, roofs and floors.

This amazing construction technology simplifies and speeds up construction that is affordable, highly energy efficient, sustainable and environmentally friendly.

The benefits of ResCom SIP construction are: superior strength (code for areas with severe weather conditions), increased fire, corrosion salt mold and mildew resistance. ResCom SIPs are highly recommended for coastal regions. SIPs offer a replicable high-tech solution for residential, commercial and low rise buildings.

Due to ResCom's fire resistance and safety ratings panels were approved for construction use in the US around 2003. New York and New Jersey were early adopters of MGO board. Florida has approved MGO for its Mold/Mildew resistance. SIPs are hurricane and tornado impact tested and approved in Miami-Dade County.

In Taipei, Taiwan, Magnesium oxide can be found on all 101 stories of Taipei 101, currently the second tallest building in the world. MGO sheathing was used on the inside and outside of all walls, fireproofing beams and as the sub-floor sheathing.

MGO sheathing was the "official" specified construction material of the 2008 World Olympics buildings in Beijing, a project costing over \$160 billion.

Design capabilities, exceptional strength, lifelong energy savings and speed of erection make MGO-SIPs- a twenty-first century building material for high performance buildings.

SUMMARY

Easy to Install Means Rapid Construction

Reduce Sub-Trades

Energy Efficient - R26-R100 for the lifetime of the envelope

Mold, Mildew, Water & Insect Resistant

Excellent for Sound Proofing

Integrated Vapor Barrier (Six Building Applications in One Step)

Able To Construct In Various Weather Conditions

One to Four Hour Fire Rating

Environmentally Friendly

Extremely Durable and Sustainable

Fast Manufacturing Turn Around

No Blower Door Test Required

Qualifies for Energy Efficient Mortgage

Electrical Chases are Factory Installed.

Superior Thermal Resistance vs Concrete, Suitable for Walk-out Basements.

All Windows and Door Openings Can be factory Cut and Installed.

Windows under 48" Do Not Require Headers

No VOC Emissions (no off-gassing), As Tested by the American Lung Association

Can reduce and or eliminate the need for concrete.

Serves as Interior Finish, Eliminating the Need for Drywall

Can Serve as the Exterior Finish, with Batons, Paint, Stucco or Siding

No Need for Interior Frost Wall Equals A More Spacious Basement.

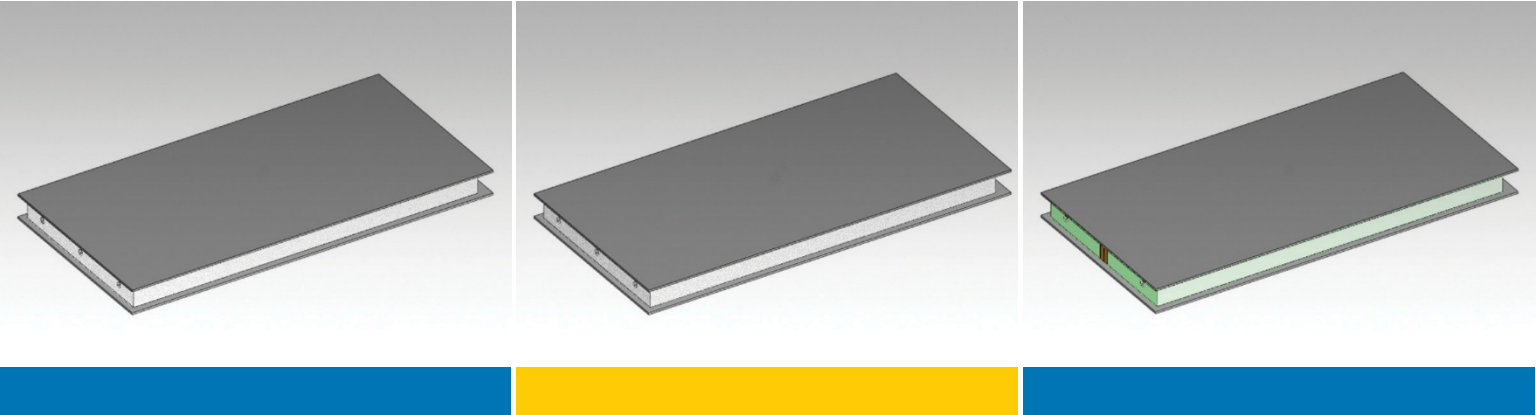
No Special Backfill Requirement.

Highly Advantageous for Winter - Rain Weather Construction.

3400Sq. Ft Home w/ 3 car garage



ResCom (MGO) Panels



Panel w/Minimal Deflection

