

SIP-Structural Insulated Panels

SIP(structural insulated panels) is now widely used as wall,ceiling,floor,partition,movable house,container houses and roof house construction in USA,Europe,Japan.As new materials, SIP is made with surface panels (options:OSB,MGO) and thermal insulation core(options:XPS,EPS,PU).



Features:

- 1) High strength
- 2) Low deformation, delamination or warping
- 3) No rotten or decay, strong against corrosion and fire
- 4) Water proof
- 5) Low formaldehyde emission
- 6) Good nailing strength
- 7) Good heat and sound resistant
- 8) Excellent thermal insulation performance
- 9) Easy installation
- 10) Fire resistant

Surface options:

- a. OSB -Oriented Strand Board.



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Your turnkey China tempered glass/laminated glass/insulated glass supplier

Manufactured from waterproof heat-cured adhesives and rectangular shape wood strands that are arranged in cross-oriented layers, OSB's combination of wood and adhesives creates a strong, dimensional stable panel that resists deflection, delamination, and warping; likewise, panels resist racking and shape distortion when subjected to demanding wind and seismic conditions. Relative to their strength, OSB panels are light in weight and easy to handle and install.



b. MGO -Magnesium Oxide Board

MGO panels are used in modern construction applications requiring a flame proof, rot proof, highly structural, nontoxic, building product. Because of their incredible strength, durability, flame resistance, and their rot and mold resistance. Compared with OSB or another cement board material but hands down, MgO will last longer, is better for the environment and is all around healthier.



Core Options

EPS- Expanded Polystyrene

XPS-Extruded Polystyrene

PU-Polyurethane Panels



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What's the difference between XPS, EPS,PU?

Specifications

4*8' -1220*2440mm

4*9' -1220*2750mm

4*10'-1220*3050mm

Other Specification could be customized according to customer's requirement.



Morn is your turnkey SIP supplier from China,welcome contact us for more info.

Tags: China MGO SIP panel, China OSB SIP panel, China OSB supplier, China SIP factory, China SIP manufacturer, CHINA SIP supplier, China supplier, EPS sandwich panel, FCB sandwich panel, MGO EPS sandwich panels, MGO panels, MGO sandwich panel, MGO structural insulated panel, OSB EPS sandwich panels, PSB EPS sandwich board, SIP(Structural insulated panels) with OSB board, SIP/MGO panel, SIP/OSB board, structural insulated panel supplier



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About Morn Building Materials:

Morn Building Materials Co.,Ltd is trading company offering the right facade materials for a wide range of applications for architectural,design and system requirements.Cooperating with China premium glass fabricators,Morn is able to supply whatever glass products applied in facade,Spandrel ,roof ,handrail,partition,balustrade,canopy,greenhouse,sun room ,interior exterior application.

Other facade materials:Aluminium alloy profiles,aluminium plates,aluminium windows&doors,Assa Abloy hardware,spider fitting,railing systems,shower rooms,polyurethane panels,machines&tools,steel structure, are also available since 2019.

From aesthetics, to strict environmental and energy specifications, to critical budget and delivery requirements, our input can make a difference.

Contact us:

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