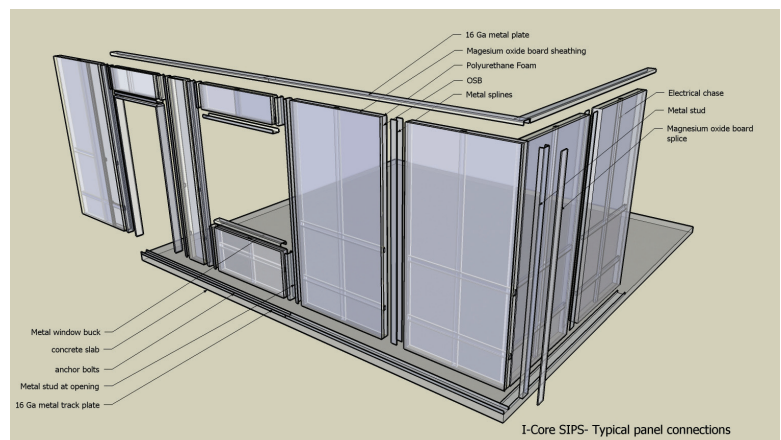


What are the I-Core SIPS Benefits?

- Green, sustainable materials
- Highly efficient polyurethane foam core conserves up to 60% on utility bills
- Reduces size of heating and cooling equipment
- Patent pending combination of exterior and interior skin magnesium oxide board sheathing and interior core OSB provides greater tensile and compressive strength than conventional stick framed and standard SIP construction
- Simple, pneumatic fasteners allow rapid on site assembly
- Factory assembled panels save time and money by eliminating on site framing, sheathing, insulation, vapor barrier and metal mesh installation labor
- Reduces interior and exterior wall finish preparation labor
- Cost competitive with conventional stick framed construction, but at a fraction of the construction time
- Straighter, quality controlled building panels
- Shorter building cycle results in greater number of buildings completed within the same period of time, which means more profit for the builder
- Shorter construction time eliminates need for speculation built houses.
- Healthier living environment, free of mould, dry rot and insects
- Fire, wind, flood and earthquake resistant
- Quiet, sound attenuation qualities
- Draft free
- Provides flexible building design

I-Core SIPS Applications

- Exterior building envelope walls
- Faster assembly Interior walls
- Roof panels
- Residential and commercial construction

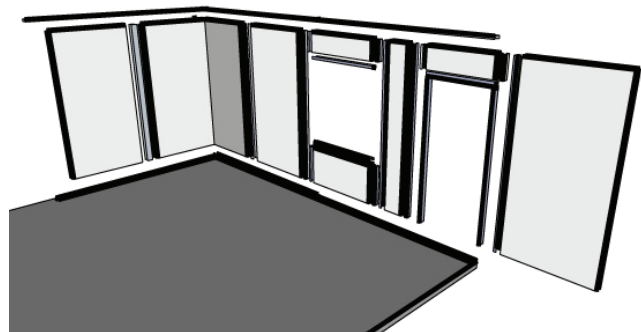
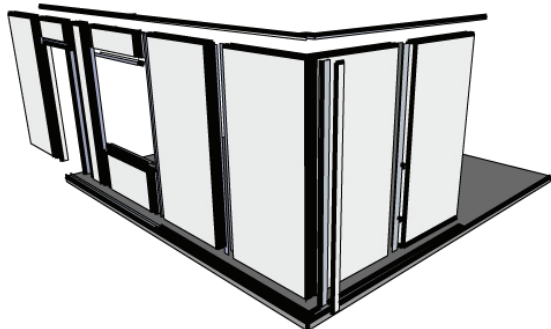


Building Science- Ventilation

- Tight buildings allow for full control of fresh air requirements. Unwanted air and moisture movement through the structure is minimized allowing the correct intake and cleansing of the air brought into the building
- An airtight building can limit the amount of moisture laden air that enters a building and allows for control of relative humidity, thus avoiding mildew
- Smaller a/c equipment can be used that can run for longer periods of time, thus removing more moisture and lowering the relative humidity

Kit Housing

I-Core SIPS Inc. and Collaborative Group Architects, Inc. have joined forces to provide kit houses for production home builders and custom home builders utilizing proven home designs as well as creating new ones. Please visit www.collaborativegrouparchitects.com to preview some of the houses available.



I-Core SIPS Building System

I-Core SIPS can revolutionize the building industry by providing a superior building envelope that is simple to install, durable, safe, strong, Green and affordable.

The magnesium oxide used in the boards is a mined mineral resource with reserves that can be mined for centuries to come. The magnesium oxide board exterior and interior sheathing skins provide an excellent substrate for direct finish applications including; primer, paint, stucco, and stone. The magnesium oxide boards can withstand temperatures up to 1500 degrees Fahrenheit and has excellent sound attenuation characteristics. The polyurethane foam reduces petroleum dependency by utilizing sugar cane derivatives as part of the polyol component of the foam. The closed cell polyurethane foam acts as an excellent vapor and air barrier while providing an R-value of 6.7/inch. The 4 ½” thick composite panel provides an overall R-value of R-22, while the 6 ½” panel provides an overall R-value of R-36. It also has a Class “A” fire rating.

The OSB structural core utilizes sustainable new growth wood chips and provides both excellent tensile and compressive strength to the panels. The combined component panels outperform any building system on the market today and at competitive prices.