



Quick Walls - Structural Insulated Panels (SIPs)



Quick Walls Fire Rated Structural Insulated Panel (SIP) will produce one of the most advanced fire performance building systems available on the market today.

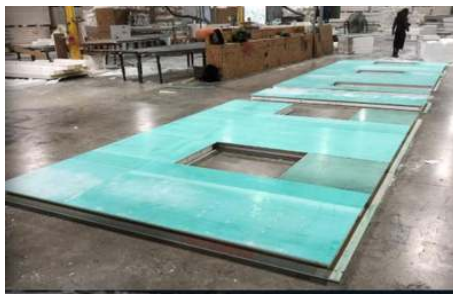
Quick Walls Magnesium Oxide SIPs will be a premium building material that combines and simplifies the structural and insulation elements of a building envelope to passive house standards.

The high-density core is injected directly between the Quick Walls MgO boards providing superior and total adhesion unlike other products who glue a rigid foam core between 2 boards.

Then using CAD drawings, panels are cut to the exact design required. Panels and connection systems are then managed through a quality control process, labelled and packed, so when the panels arrive on site they can be quickly and easily assembled in accordance with the issued Construction Drawings.

The panels outer structure consists of Quick Walls Magnesium Oxide 12 mm Fire Wall Board which is a strong, impact resistant mineral based construction product. Boards are fire rated, highly water resistant & anti -microbial.

The thermal core developed with Pacific Urethanes will comprise a special formula PIR foam insulation which does not propagate fire with a density of up to 50 kg/m³, providing superb insulation values reducing energy costs by 60%.



Our finished standard panel size is 2700 mm x 1200 mm

Thickness 115 mm

MgO Board thickness 12 mm

PIR Core 90 mm

Weight 115 kg.