

STRUCTURAL PANELS AUSTRALIA PRODUCTS:



The SIPS panel is made up of an insulation core with skins on either side of it. Generally, the insulation core is of EPS (Expanded Polystyrene) and the skins are of OSB (Orientated Strand Board). These panels can be used for walls, roofs & floors and can replace conventional framing.

To suit the different needs and functions of any particular project, different materials can replace the skins and the insulation cores. We can provide you with the following options which can be used in combination to achieve the desired results.

External Skins (to replace OSB)

- Cement fibre Sheets: It is made up of cellulose fibre, cement, sand and water. The advantage that these sheets have in SIPS is that they are weather proof and impact resistant.
- Colorbond metal sheets: Generally, but not limited to, steel panels. They are weather proof and can achieve large spans making it an ideal product for roofs.

*For metal sheet SIPS, click here www.tridekroofing.com.au

Insulation Core (to replace EPS)

- PUR – Polyurethane: Though more expensive than EPS, it achieves a higher Thermal Resistance to get a higher R-value
- PIR – Poly-isocyanurate: It is used when high fire resisting properties are required.

