



“In the age of technology, and the increasing use of modern methods of construction, SIPs are achieving mainstream status. Structurally Insulated Panels (or SIPs) offer many advantages over traditional building methods, including being lightweight, thermally efficient, and much more”.



SURESIPS

SURESIPS Offer building professionals a high strength to weight ratio of panels that allow large sections of your building to be fitted at once, speeding up the time required on site for erection. Solutions include our traditional SURESIP with applications for walls and roofs. Our External SURESIP has the same strength to weight ratio as SURESIP with one notable exception, it has no requirement for coverings such as vapor barrier or cladding



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SURESIP

SURESIPs feature a OSB3 facing, having an injected PU insulated core. This highly insulated design can allow them to achieve exceptional thermal performance. For example, 147mm SIPs with a rigid urethane insulation core can achieve U-values of 0.17 W/m².K. without the need for additional insulation. Our factory engineered joints can also help to significantly limit air-leakage from the building envelope.

- Quick and easy to install
- Excellent load bearing
- CE marked
- FSC certified.
- Applications walls and roof.
- Up to 4.88m Lengths available



External SURESIP

External SURESIPs feature an external Tricoya facing an OSB3 internal facing, with an injected PU insulated core. With insulation and structural performance equal to an equivalent SURESIP but with one notable difference the external face requires no additional on-site protection such as cladding or EPDM.

- Waterproof
- 50 year warranty above ground
- Application walls, roof, and floor.
- Stable.
- Excellent coating options.
- Up to 4.5m lengths available

The panels can be cut to each building's unique specifications whilst still in the factory. This helps to keep waste and adjustments to a minimum.

FLOOR

When using External SURESIPS for floor application an 18mm OSB3 internal face, 125mm PU core and a 9mm Tricoya external are employed. The perimeter has a 150mm Tricoya wide skirt with a compression strength of (CS > .08 N/mm²)

WALLS

Use either SURESIP or External SURESIP with tensile strength exceeding .07 N/mm² both surpass traditional stick framing. Select from .21, .17 or .14 W/m².K for exceptional thermal performance.

ROOF

Use either SURESIP or External SURESIP allowing for single spans up to 4.88m and having service loads of 1.5KN at l/360 when using 147mm panels.

