

# THE SIPSOLUTIONS ADVANTAGE

At SIPSolutions, we're not just builders; we're innovators. Our panels and construction system are a testament to our commitment to excellence in the construction industry. Here are some of the unparalleled benefits of partnering with us.



**Energy Efficiency:** Our panels, with a high-performance polyurethane foam core sandwiched between two layers of pressed board, ensure superior insulation and airtightness. The result? Consistently comfortable temperatures, reduced carbon emissions, and a healthier living environment.



**Cost Savings:** Experience over 60% enhanced energy efficiency with SIPS Panels compared to traditional timber framing. This translates to significant savings on heating and cooling bills. Moreover, our construction system ensures faster project completion, reducing overall build time.



**Structural Strength:** Built for resilience, our SIPS panels offer greater strength and ductility than many conventional materials, making them ideal for areas prone to high winds or earthquakes.



**Regulatory and Compliance:** Beyond just meeting standards, our SIPS panels set new benchmarks by significantly surpassing H1 requirements. This not only future-proofs your project but also ensures it aligns with the rigorous standards of the New Zealand Building Code of Compliance.



**Carbon Neutral 2050:** Embrace sustainability with SIP Panels. Our solutions align with evolving building codes, supporting New Zealand's carbon neutrality commitment. We prioritize sustainability in our operations, generating less waste compared to timber framing, with fully recyclable Expanded Polystyrene.



**Customised Solutions:** Every project is unique, and so are our solutions. Our factory collaborates closely with clients to manufacture and deliver panels tailored to specific requirements. With state-of-the-art machinery at our disposal, we can produce oversized panels suitable for any project scale.

## TECHNICAL SPECIFICATIONS

Our panels dimensions are up to a maximum 7.32m long by 2.44m wide. Our panels are made from Oriented Strand Board, 100% recyclable EPS foam insulation, high performance polyurethane adhesive.



TECHNICAL DETAILS FOR PANELS					
PANEL THICKNESS	115mm	165mm	215mm	265mm	315mm
STANDARD EPS R RATING	R2.44	R3.76	R5.07	R6.39	R7.71
GRAPHITE EPS BLACKPEARL R RATING	R3.0	R4.61	R6.22	R7.83	R9.45
LOAD BEARING CAPACITY					

## APPLICATIONS FOR SIPS SOLUTIONS PANELS

- Residential Construction: SIPS panels are ideal for residential construction, providing energy-efficient insulation and quick installation for homes.
- Commercial Buildings: Many commercial structures now incorporate SIPS Panels, recognizing their durability and energy-saving benefits.
- Government Projects: With a focus on sustainability and cost-efficiency, SIPS panels are ideal for government projects.
- Special Projects: For unique and specialized builds, SIPS Panels offer the adaptability and advanced features required contact us to see how we can work together to make your project a reality.

## GETTING STARTED WITH SIPSOLUTIONS

### 01 Select

Schedule an expert consultation to pinpoint the right panel types and sizes. Collaborate on designs to harness the full potential of the panels.

### 02 Build

With your specifics in hand, panels are created to meet your project's needs. As they take shape, ensure the construction site is primed for integration. Simultaneously, arrange training sessions for your team on the SIPS installation system. Upon completion, the panels are delivered to you, ensuring readiness for installation.



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## READY TO TAKE THE NEXT STEP?

Contact us now to discuss customized solutions that elevate efficiency and sustainability in your upcoming projects.

[www.sipsolutions.co.nz](http://www.sipsolutions.co.nz)