

Building a greener, healthier future

Many would agree that New Zealand's housing standards are too low.

Currently, the standards protect the bare necessities but they are not enough to lead a healthy life.

At present, building a house to minimum standards leads to inefficient heating, ventilation and insulation. Although it is financially appealing, building a house to minimum standards can cost you more money down the road and your health.

Operating as a family-owned building company since 1988, Mark and Katja Thompson from John Thompson Builders are always on the lookout for innovative solutions so that they can build greener, warmer and healthier homes for their clients.

John Thompson Builders director, Mark Thompson says, "A big focus for us in recent years and moving forward has been building in a better way; high performance houses, providing better products for clients, better homes to live in – warmer homes – and taking care of what we do from an environmental perspective."

Katja Thompson, John Thompson Builders office manager says, "The main focus for us is the people we work for. We spend a lot of time researching, trying to find the best products available for our clients."



John Thompson Builders' latest Formance™ SIP home located in Waikawa, Marlborough.

Mark and Katja know there are many components that make up a high-performance home. A key component in John Thompson Builders' success is its exclusive partnership with Formance™ in Marlborough.

Formance™ SIPs

Formance™ manufactures Structurally Insulated Panels (SIPs). SIPs are structural boards that contain a highly insulating core that have been used successfully in the US and other countries for decades.

Formance™ SIPs are noted for their high R-values and their ability to create airtight building envelopes. Airtight structures require less energy to heat as there is less heat escaping the structure.

Furthermore, Formance™ can tailor SIPs to each build. This benefit is twofold because precise measurements are necessary to seal the building envelope and maintain healthy

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- John Thompson Builders director, Mark Thompson

John Thompson Builders is a proud member of the New Zealand Green Building Council (NZGBC).

According to NZGBC, a green building is a building with little or no impact on the environment and its users through the building's design, construction and operation.

temperatures but also because cutting SIPs to size significantly reduces waste on site.

Formance™ SIPs are critical in John Thompson Builders' efforts to reduce waste and its long-term goal of becoming a carbon-zero construction company.

At present, John Thompson Builders is focusing on low energy, high performance builds and taking gradual steps to become a carbon-zero construction company.

To demonstrate the effectiveness of SIP building systems, Mark and Katja are in the process of building the first certified passive or low energy usage building in the Marlborough region.

John Thompson Builders will use the office for practical reasons but also to show clients the benefits, features and process in obtaining a low energy building firsthand. 📍

John Thompson Builders
PO Box 5175
Springlands
Blenheim
021 074 4245
info@johnthompsonbuilders.co.nz
www.johnthompsonbuilders.co.nz

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