

An Inter-tenancy wall system like no other

Metra Inter-tenancy walls, installed by Licensed Metrapanel Installers, are constructed to provide structural support and both fire and sound insulation between habitable spaces from one dwelling to another. Metra Inter-tenancy Wall Design and Construction boasts a FRR 30/30/30 fire resistance rating and STC61 sound insulation, which can achieve a 1S Fire Rating classification for the NZBC and 1 for the NCC upon application of additional specified Resene coating.

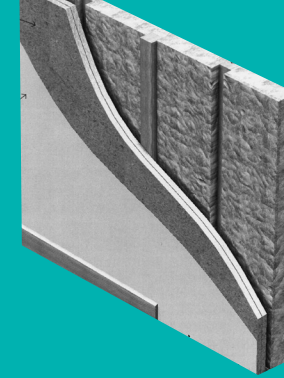
Fire Resistance Ratings refer to assessments of the degree to which the Metrapanel system is able to meet the categories of Structural Adequacy/Integrity/Insulation in accordance with AS 1530.4-2005.

Suitable for apartment construction, the Metra IT Wall comprises two Metra panels parallel to one another, of two different types. One panel is a standard 36mm, and the other is a double 18mm spot glued panel. The two Metrapanel components are placed on the same respective side of the Metra IT Wall and are continuous across the length and height of the wall. The panels reach up to approximately 25mm below the roofing material, extending out to the fascia and down to the soffit.

When integrated with the entire METRAwalls, floor and ceiling system, a 'sensible solution' for multi-unit developments is achieved. Offering ease of design for architects and engineers, reducing contractors required onsite, providing a seamless process from design stage through to completion, and most importantly a much faster construction timeframe.



METRAwalls
INTER-TENANCY STC57/STC61
FRR30/30/30



Laing

Inter-tenancy Wall System

Why the METRA I.T Wall System?

- ▶ **30min fire rating**
- ▶ **STC61 sound rated**
- ▶ **40% more affordable***
- ▶ **1/2 the install time***
- ▶ **NO proprietary lining**
- ▶ **NO plastering**
- ▶ **172mm wide overall**
- ▶ **Load bearing firewall up to 3-stories**



METRAplatinum
INSTALLER

Laing
laing.co.nz

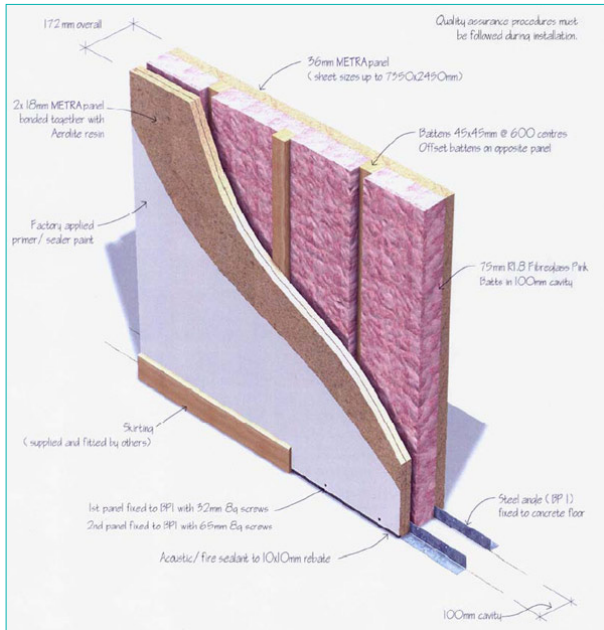
30min fire rating put to the test

"I would like to say that Metrapanel's half hour fire rating was spot on. Tristram Marine had a massive fire back in March 2010 in our fiberglass laminating shop of which Metrapanel materials were used as dividing walls. These walls were subjected to approximately 1,000 degrees in temperature. The walls withstood their charring rate capability perfectly and stayed structurally in place and intact.

Noise is not transferred through these thick walls either. This design of material also makes for a good clean construction wall, when painting internal walls is required. The method used in erecting them also speeds up the production time of creating the building.

Many thanks for a great product."

Lance Fink, Tristram Marine



* Some conditions apply. The Metra Inter-tenancy Wall System is 40% more affordable than tilt slab and is a similar price to block and gib. The install time is halved in comparison to brick and tilt slab.

Specific designs built to purpose, built to spec

At Laing we have a passion for construction of quality buildings and working with developers, architects and owners who want to realise their vision. Whether it be an apartment block, commercial office, school or community building, or a practical addition to the farm, Laing can help.

We team with you from the very early stages of the project and help you to solve problems from day one. We help architects maintain the integrity of their design within budget and we help developers optimize their investment by providing the best options to achieve their goals. For owners we deliver smart, practical buildings that do what they were designed to do, on time and on budget.

"At Laing, your success is our success. We want you to be a customer for life so we take the time to understand what you want to build and why. If we can help we do. If we can't we tell you. If we tell you we're going to do something then we do it - no ifs, no buts, no maybes, no excuses. There are no surprises at Laing. You get what you ask for, built to budget, built to last. That's the Laing experience."

Grant Laing, Laing Group

Metrapanel system trusted for over 25 years

Trusted by kiwi's for over 25 years, Metrapanel has been the preferred modular panel housing system for over 9,000 projects across the residential, commercial and retirement sectors. Pre-cut to simplify and speed up construction, Metrapanel is the robust, durable and energy efficient alternative.

Engineered walls, floors and ceiling panels are pre-cut and constructed onsite by Licensed Installers throughout New Zealand. The 7.35m wood panels means there is less jointing than traditional timber-framing and plasterboard systems, therefore providing smooth, strong and durable walls, and resulting in extensive cost maintenance savings over time. Plus Metrapanel helps maximise the available floor space. Holding strong relationships with Strategic Partners; LaminexNZ, Resene, BRANZ, PrefabNZ, Lifemark, and NZGBC, the Metrapanel system is the sensible solution for investment properties, multi-unit complexes, classrooms, retirement villages and social housing.

"With the combined expertise of LaminexNZ manufacturing, and the Metrapanel passion and vision for building construction, this provides New Zealand with an innovative panel construction system perfect for modular homes."

Richard Pollington, General Manager, LaminexNZ



Christchurch City apartments constructed by Laing, utilising the Metra IT Walls system combined with METRAWalls and ceiling.