



# Delivering strength and versatility



“TRIBOARD is the ideal solution for a wide range of building applications”

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



**triboard**  
engineered panel



## Absolute performance

Triboard passes the most stringent building standards. It has the superior inner strength and stability of Strandboard™, with the smooth surface of medium density fibreboard. This is assured with strict quality control throughout its manufacturing process, particularly at raw material stage. Triboard's uniform strength throughout its core gives it excellent load bearing capabilities. These unique features enable Triboard to be used for fire door systems and inter-tenancy fire-rated walling systems.

## A winning combination...flexibility and strength

Triboard's™ innovative combination of smooth surface with inner strength makes it the ideal solution for a wide range of internal building applications. Not only is its surface incredibly resilient, but it also delivers greater stiffness for the same weight when compared to other wood based panels. Available in a variety of sheet sizes, thicknesses and densities, Triboard can also be custom produced to suit your needs.

## Complete satisfaction

The smooth medium density fibreboard surface offers a grade 5 + paint finish capability, providing a superior finish to that of conventional wall linings. It's also suitable for wallpaper, so you're free to decorate it whichever way you choose. The assurance of superior screw holding ability over other commonly used wall linings means screws will not loosen over time, giving a lasting permanence to your decorative finish.

## Cost effective solutions

The use of Triboard across a range of building applications and the availability of a range of sheet sizes, effectively speeds up the construction process, saving both time and material costs. Used structurally it eliminates sub-framing. In pre-fabricated systems, further savings can be made as doors can be cut from the wall panel. When Triboard is used for internal walls, the reduction in thickness compared to traditional wall construction can provide you with up to 6% more useable space in an average size three-bedroom house.



## What others have to say...

During the Christchurch Earthquakes, our home was thrown out of level by almost 300mm. Thankfully, we have a structurally superior Triboard panel home and the interior of our house remained practically unscathed. The strength of Triboard allowed us to remain in our home and relax while we consider our future plans."

John & Heather, Wainoni, Christchurch.

"Triboard's structural qualities and great finish means it is ideal for our work constructing school halls, gyms and classrooms. It is robust and hardwearing, so our clients are delighted how well it retains its good looks. Using Triboard allows us more design freedom when creating different shapes."

Bill Taylor, Ahead Buildings, Auckland.



## As a structural material, Triboard™ can be used for:

- Domestic, industrial and commercial walls and ceilings
- Floors including sprung sports, access floors, mezzanine, warehouse/factory and theatre or cinema floors
- Solid-core doors
- Partition systems (solid and pinnable)
- Domestic, industrial and commercial shelving
- Wall linings incl. Bracing panels (For Bracing Figures, please see website)
- Shop fittings, substrate for veneers and laminates, furniture components, school and commercial furniture
- Fire door systems that significantly simplify the manufacturing process
- Inter-tenancy Fire Rated and Acoustic Walling Systems



Triboard's superior strength and resilience is ideal for staircase manufacture, especially for heavy traffic in industrial and warehouse environments.

Office fitouts are simplified with Triboard as it is used for partitioning and walls, as well as fire doors.

Triboard panel construction provides more useable space and smoother interior finishes for contemporary, quality housing.

## Triboard Construction Manuals

Triboard Housing System Construction Manuals are available on our website [www.jnl.co.nz](http://www.jnl.co.nz) or by contacting JNL.



# Technical Information

For all Triboard sheet sizes go to [jnl.co.nz/products/triboard](https://jnl.co.nz/products/triboard)

## Fire and sound ratings

Triboard can be used for 30 and 60 minute fire walls with acoustic ratings of up to STC 56 for inter-tenancy walls. A 90 minute non-load bearing fire rated solution is also available. Please visit our website for details. Fire doors are a specialty application for Triboard, available in 15/30/60 minute ratings. JNL can provide contact details for fire door manufacturers using Triboard.



### BRANZ-appraised

Triboard Housing System is BRANZ-appraised (refer No. 481). For full details and a downloadable pdf, go to [www.jnl.co.nz](http://www.jnl.co.nz).



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## Triboard™ handling, product care and storage

- Due to the uptake of airborne moisture, permanent panel distortion may occur if Triboard wall lining is placed in close proximity to timber framework with a moisture content exceeding 18%
  - Adequate pre-conditioning prior to installation is essential for satisfactory results, especially during wet seasons and high humidity. Panels should be filleted and conditioned for a minimum period of 48 hours prior to installation
  - Attention to site storage, pre-conditioning at the point of installation and provision of specified joint clearances will reduce the effects of moisture uptake after installation and help to accommodate any panel movement.
- Correct storage procedures will eliminate sagging and permanent distortion of panels
  - Panels must be stored away from heat and direct sunlight
  - Panels must be flat and stacked on evenly spaced level bearers clear of dry ground, or a dry concrete surface
  - Bearers must be of uniform thickness and must extend across the full width of the pack
  - Strapping should be cut from packs as soon as practicable to avoid edge indentations
  - Triboard panels must be protected from the weather. A breather type cover must be supported clear of the top and sides of the panels using battens to allow air to circulate freely.

## Triboard™ safe work practices

Work areas must be well ventilated and kept clean. Sawing, sanding and machining equipment should be fitted with dust extractors to ensure that dust levels are kept within standards regulated by WorkSafe New Zealand and Safe Work Australia or the specific country of use. If not, a dust mask conforming with AS/NZS 1715 and AS/NZS 1716 and eye protection conforming with AS/NZS 1337 must be worn.

Offcuts, shavings and dust must be disposed of in a manner which avoids the generation of dust and in accordance with the requirements of local waste disposal authorities.

