

MiTek's on-going dedication to improving fabrication systems and introducing faster, smarter...and safer products for builders on-site continues with the innovative Gang-Nail Lintel.

GN Lintels can be manufactured on an existing wall framing line with the introduction of the GN Lintel Press.

GN LINTELS

imPRESS



GN Lintel's galvanised metal plates come in a variety of sizes, suitable for most standard lintel applications.

GN Lintels can easily accommodate most spans and loads, all without compromising on strength or stiffness.

GN Lintels are the ideal, made-to-order solution for almost any lintel requirement.

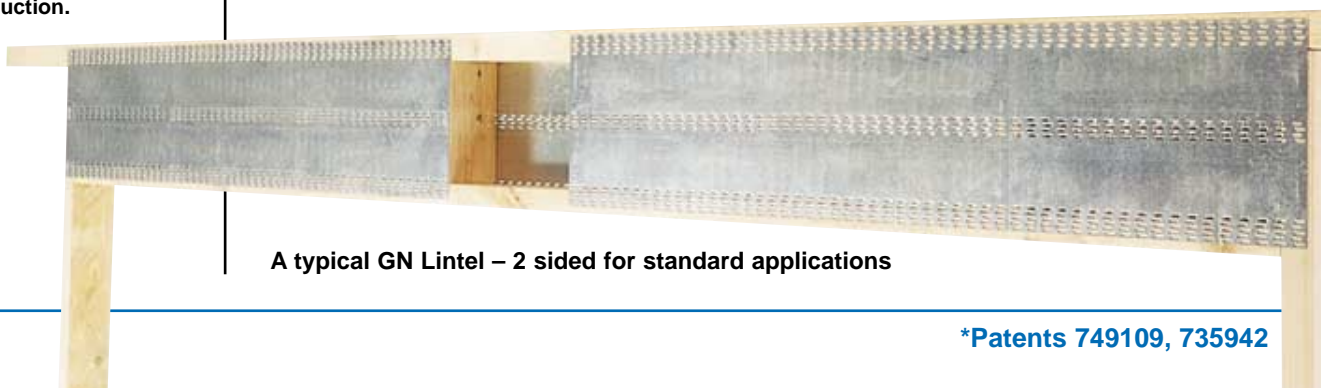
The versatility of the GN Lintel can help to save costs and streamline wall frame production.

Any product that can speed up wall frame assembly and improve building efficiency on-site is usually welcomed readily. The GN Lintel is no exception. Stephen Monaghan, one of the directors of Currumbin Roof Trusses in Brisbane has been an early convert to this new method of 'total frame' manufacturing. "The GN Lintel is great for medium sized fabricators like us, especially if space is at a premium. The beauty of the GN Lintel is that it dramatically reduces storage space normally taken up by hardwood lintels. Plus, the fact that the GN Lintel Press was able to be incorporated into our existing wall frame production line,

without major modifications, helped to streamline its introduction."

Stephen also stressed: "because the GN Lintel plates are stored next to the operator and can accommodate a variety of different lintel spans and loads, the whole manufacturing process is made that much simpler and quicker. We found hardwood lintels were very time consuming to assemble and cumbersome to work with. Plus, the ever decreasing availability of hardwoods is certain to become a bigger problem for fabricators in the future."

Because the GN Lintel has been designed and engineered to accommodate most lintel requirements, they have been readily accepted both on-site by builders and by local council inspectors. "One of the biggest advantages of the GN Lintel is that: even though they are much lighter than hardwood lintels, they're very strong. You can accommodate a variety of different spans and loads with the same size GN Lintel...all without compromising on strength or stiffness," added Stephen. "Apart from that – they look good too!"



A typical GN Lintel – 2 sided for standard applications

"GN Lintels are a **lighter, straighter** and **smarter** solution for fabricators and builders alike"

Fabricator advantages:

- Streamlines frame manufacturing
- Cost-effective and easy to make
- Reduction in stock holding
- Saves on storage space
- Reduces timber wastage
- Complies with all relevant building codes of Australia

Builder/on-site advantages:

- Lightweight
- Easy to handle
- Strong alternative to conventional solid timber & engineered timber lintels
- Eliminates secondary jamb studs (prop studs) in many instances



Stuart Finlen of Toowoomba Truss and Frame is another fabricator quick to embrace new products as he sees them giving his business an edge. "it's very competitive here, and I see our GN Lintel Press as a real plus for us. Most of our

competitors still deal in hardwood or Cypress lintels. However I've only had hassles with hardwood in the past. The continuity of supply and fluctuating cost of hardwood can be a real headache."

Robert Tan, Chief Engineer with MiTek Queensland has played a pivotal role in the introduction and on-going technical support of GN Lintels. "Getting the builder's acceptance is a must, plus you have to make sure the product lives up to all the engineering requirements," Robert was quick to add.

"The two main issues with lintels are: deflection limits and strength limits. When it comes to deflection limits the GN Lintel has a far better performance capacity than its timber equivalent – about 50% better. As for the strength, well all of our GN Lintels exceed Australian building standards. A large proportion of the GN Lintels that fabricators are manufacturing tend to be over-designed as they prefer to standardise on one or two depth lintels. This tends to simplify their prefabrication process."

"Naturally, we're more than willing to provide technical and communication support to our fabricators to help them promote GN Lintels to builders and Council Certifiers," added Robert.

"Before installing the GN Lintel Press we had up to \$20,000 a month in engineered timber products sitting out in the yard. The GN Lintel (stock) for an equivalent month is only about \$5,000," added Stuart. For an operation like Toowoomba Truss and Frame that represents a considerable saving in overheads and has some very positive cash-flow advantages. "The money wasn't the main issue for us though," stressed Stuart. "The real plus our GN Lintel Press delivers is: a neater, straighter, stiffer...and considerably lighter lintel. Plus, the GN Lintel is always square and true, which is a big help to our (customers) builders on-site. If they're happy that's good business for us!"



creating the **advantage**

To find out more about the GN Lintels or any other MiTek products, call your local state office:
VIC (03) 8795 8888 **NSW** (02) 8525 8000 **QLD** (07) 3268 1666 **SA** (08) 8234 1326 **WA** (08) 9411 2845
New Zealand (09) 274 7109 **Malaysia** (03) 3176 7473 or visit www.mitek.com.au

GN LINTELS... ANOTHER MITEK ADVANTAGE

Stuart Finlen, Toowoomba Truss & Frame

*Patents 749109, 735942