



## MEDIA RELEASE

### TIMBER THAT REACHES NEW HEIGHTS

***Sydney construction company Hyperbuild introduces 'CLT' in residential construction including the revolutionary "TraumHaus"***

**14 February 2017:** Cross Laminated Timber (CLT) is fast becoming the rising star of the global timber construction industry, and now home builders and buyers across NSW will be the first in Australia to benefit from this revolutionary product, following its phenomenal success in revolutionising the construction industry in Europe 20 years ago.

What sets this product apart from the usual brick structure is that both residential and commercial buildings are being constructed entirely of engineered timber. First developed in Switzerland in the 1970's, CLT is a wood panel consisting of three, five, or seven layers of dimensional timber oriented at right angles to one another, and gluing their surfaces together under high pressure with non-toxic adhesives.

The introduction of CLT into residential development by construction company Hyperbuild is set to be a true game changer for the building industry, with time, finances and environmental considerations all valuable commodities when planning to build.

Hyperbuild's latest breakthrough in residential construction is the "TraumHaus", a series of architecturally designed townhouses and duplexes that took three years to design, utilising state-of-the-art building technologies and CLT to maximise environmental efficiencies, natural light and green living spaces.

Recognising the intricacies involved in this revolutionary construction method to create the TraumHaus series, Hyperbuild invested in a specialist team of architects and structural engineers from around Australia with the highest level of qualifications to bring the concept to life.



In recognition of the commitment and investment made by Hyperbuild to bring CLT to Australia with the TraumHaus series, the company has been awarded 5-year Intellectual Property rights by the Commonwealth of Australia.

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The TraumHaus series is built using superior materials and components that have been researched and sourced globally, with a heavy European influence. The building products are manufactured under controlled factory environments and assembled in the most efficient and eco-friendly way.

According to **Hyperbuild Managing Director, Theo Pasialis**, home builders and buyers who appreciate a quality product and lifestyle will be attracted to the numerous benefits that CLT has to offer such as a duplex from the TraumHaus series.

"CLT provides a completely different living experience to that of the traditionally constructed home in Australia today. Benefits include a pleasant, comfortable and stable living climate; high fire resistance and chemical resistance; excellent thermal insulation properties which is a big standout as it provides more cooling and doesn't absorb the heat like bricks; and reduced construction time which limits costs. Importantly, CLT complies with all required national construction codes.

Mr Pasialis continues: "In environmental terms, CLT is a sustainable choice as it supports the positive effects on climate protection due to the storage of CO<sup>2</sup> within the timber panels, and it's ecologically sound, produced from sustainable sourced plantation timber," Mr. Pasialis said.

**Erhard Rathmayr of Refresh Design**, a specialist architectural company with a long track record with CLT, is working with Hyperbuild on CLT developments in NSW. Mr Rathmayr says that, after working with CLT and many other products in Europe, the success he has seen will easily transcribe to Australian builders such as HyperBuild who are at the forefront of the industry.

"CLT is a visually appealing product both externally and internally. It is better at insulating and maintaining temperature whilst allowing for less structural elements inside, which in turn creates a more natural movement through the building. After seeing the ease of construction in the European buildings, it is exciting to see it come to fruition here in Australia," Mr Rathmayr said.

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### About Hyperbuild

Theo Pasialis founded Hyperbuild in 1998. After working for large commercial construction companies, Theo decided to go out on his own and started working as a developer for small residential projects. The company then grew in size and capability over the years.

With 18 years' experience in residential construction, Hyperbuild provides innovative and out-of-the-box solutions for townhouse and duplex developments. Partnering with a select client base, Hyperbuild aim to transform the way residential dwellings and commercial buildings are constructed in Australia. The company uses a revolutionary construction method that is quick, eco-friendly and cost-effective.

Innovation is at the heart of everything that Hyperbuild does. It is the key to Hyperbuild's vision and the reason for their rapid growth over the years. Innovation is what drives the whole business forward, from their people and culture to their products and processes.

[www.hyperbuild.com.au](http://www.hyperbuild.com.au)