



Unique building systems created in Australia; now covering the world.

ILB Buildings have revolutionised the construction industry; most notably where substantial clearspans are demanded.





An ILB® Building is an integrated system designed and manufactured to your requirements.

This pre-fabricated building will, in some cases, effectively halve the weight of the beams required.

The Framing System

The strength and design flexibility of an ILB® Building lies in the unique, patented framing system.

The ILB® system is made to order for each project.

Comprising of RHS/SHS chords framing the revolutionary web, the ILB® system offers dramatically reduced weight with increased strength in lateral twisting and torsional bending.

The ILB® system comes in a range of standard beam sizes, with simple fitting sheets to easily create cost effective designs.

The configurations available within the system allow greater freedom of design.

Market Adaptability

The strong lightweight nature of the framing system, along with design flexibility makes the ILB® Building ideal for most market segments and locations.

Better when it's an ILB® Building

An ILB® Building creates the perfect solution for any design or construction challenge.

Light in weight; super in strength.

The ILB® system is protected by a patent simply because it is so smart. The clever combination of the chord and unique web, results in a frame that demonstrates superior strength at an extraordinarily reduced weight.

Massive spans achievable.

An ILB® Building is ideal when large clearspans are required. It is not uncommon for an ILB® Building to achieve spans of 80m.

Given the opportunity and the right design, even greater spans could be achieved.

It is the solution for uncompromised space.

Ease the cost of handling.

The ILB® system is lightweight, yet, substantially stiffer than traditional universal beams.

Significant cost reductions are achieved not only in the lightweight structure, but transport, handling and craning on site.

Plus, with the unique set of standard connection plates, the framing is more easily stackable for both transport and storage.

Pre Fabrication; less onsite preparation

An ILB® Building is primarily pre-fabricated prior to arriving on site.

The frame arrives ready to be erected using traditional construction methods.

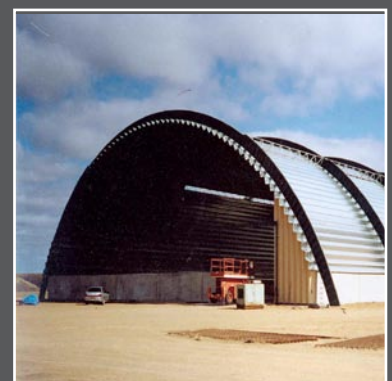
The concept is revolutionary, not the building method.

Unique Design features.

The ILB® system can be easily and effectively curved. Adding to the system's bold design capabilities.

It is possible to select the finish to suit your needs. ILB® system can be supplied either primed or galvanized.

An ILB® Building can be clad in a choice of materials, further creating design flexibility to create functionality and distinctive projects.

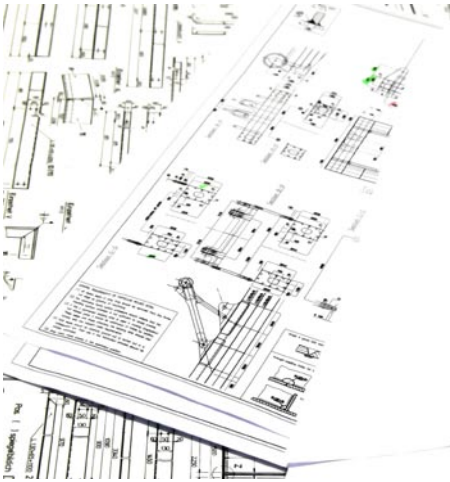


Comfort in design and testing

The system is innovative, but still tried and tested.

Comparing performance

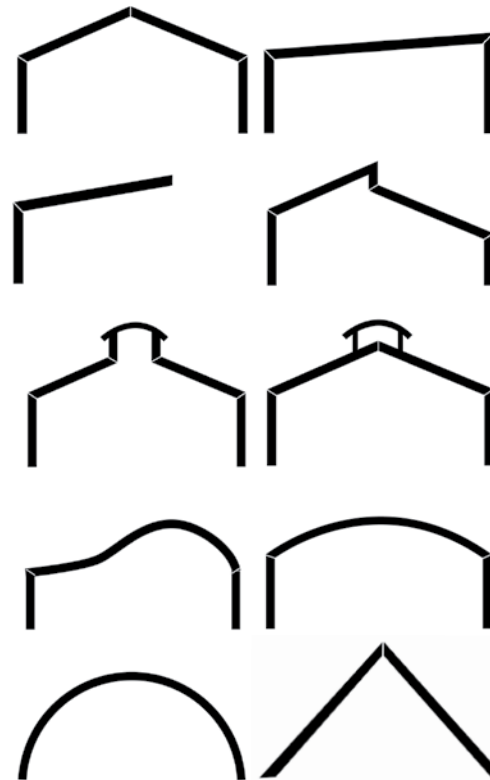
Many tests have been completed to demonstrate where this system can out-perform traditional methods.



Wide selection of building types

ILB® Buildings are constructed all over the world. The versatility of the system is demonstrated through the variety of structures this system can achieve.

The selection of building types allows the choice for either design needs or aesthetic demands.



Comprehensive design tables.

Created for engineers who want to have all options available to them, these design tables describe how to attain the best out of the system. They are the blueprint to produce the ideal design for your project.

System Testing.

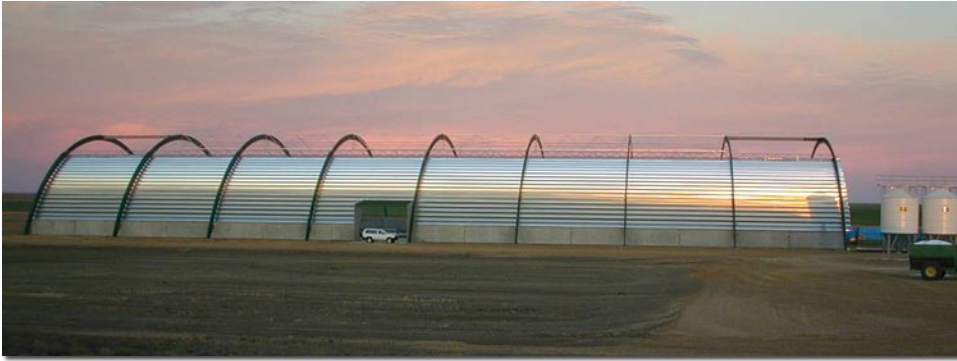
To ensure design integrity the ILB® system has been placed under intense testing and scrutiny by independent parties.

Testing has been carried out by;

- Lynar Consulting Engineers
- CSIRO Division of Building Research
- Professor Nicholas Trehair of the Sydney University Centre for Advanced Structural Engineering.

The testing confirmed the significant weight reductions achievable over traditional structural members; along with improved torsional rigidity and bending capacity





*Sun and weather protection for school grounds.
Storage with clearspans to house a fleet of planes.
Acres of roof to cover the next big factory.
Innovative methods to maximise storage space.*



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