



Floor Systems

6 Hildon Crt, NERANG. Qld. 4211. Australia
Ph: +61 7 5596 5252



www.ultimatesf.com.au

sales@ultimatesf.com.au

Engineering



The ENDUROFLOOR™ system was conceived and designed by ENDUROFRAME® and tested by Lysaght® Research & Technology (LR&T).

Their facilities available are among the most advanced in Australia for the testing of lightweight steel structures and cold formed sections. The laboratory is accredited by the National Association of Testing Authorities (NATA) for most structural tests required by relevant Australian Standards.

The ENDUROFLOOR™ system being tested by Lysaght® Research & Technology (LR&T)

The final result of this is:

- Satisfaction that strength requirements are met
- Material savings of the truss elements (and hence their cost) are provided
- An accurate prediction of the way the frame will perform once installed.



Ease of use



Endurofloor is a compact system that can be suited to many compact site conditions. The lightness of steel makes it very easy to move around without the assistance of machinery or other workers.

The joists are able to be integrated with the walls creating a strong connection as well as removing the need to measure joist distances. This prevents errors and saves time on the job.



Comparison charts



| | Endurofloor | C-Section | Other truss floor systems |
|----------------------------------|-------------|--------------------------|---------------------------|
| Maximum Span ¹ | Upto 7.5m | 5.1m | Generally ≤ 6m |
| Intergrates with wall | Yes | No – Connection required | No- Connection required |
| Weight on 5.1m | 20.58kg | ~36.5kg | ~25kg |
| Warranty | 50 Years* | Generally 10 years | Generally NONE! |
| Time to install a joist | ~2min | ~5min | ~5-10min |
| Able to stepdown | Yes | No | Generally No |
| Easy plumbing Air-con Ducting | Yes | No | Yes |

1. Based on 1.5KPA floor load – 450mm spacing – Single span

* 50 year warranty only applies for buildings built with Truecore steel and meet the criteria

Warranty



Look for the blue

All Truecore steel is blue. The blue Steel is patented so you know only Blue steel is Truecore. Backed by Bluescope which is 100% Australian!



TRUECORE® steel Warranty.

Homeowners who opt for steel framing made from TRUECORE® steel can be confident their homes are built to last.

BlueScope Steel offers a warranty of **50 years** on house framing manufactured from **TRUECORE®** steel.

This warranty applies only to the steel roof structure and wall framing components which are enclosed within the building envelope for domestic dwellings. Additional terms and conditions apply – See website for details

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Why Choose Us?



Buildings start with the foundation, having a solid reliable foundation is key to a quality built home. Or floor does not squeak, vibrate or bounce.

50 year warranty on the Truecore frame means you can be assured that your building will have peace of mind of having a quality product.

Up-to date engineering – The Engineering codes are constantly being updated. Our system keeps unto date with the latest information to give you the latest design. Other products can be using engineering that is outdated and over 40 years old! Our products have been put to the physical test and you can be rest assured that you are buying the best product on the market.

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