

ENDURA SERIES

FASCIA TRUSS SYSTEM



FRAME  **TEK**TM

WWW.FRAMETEKGROUP.COM.AU

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A LITTLE BIT ABOUT US

Revolutionising façade support framing is our mission. We specialise in providing a fast and efficient façade support system that's designed and engineered to meet your unique building requirements.

We do this by working collaboratively with your team and involving our design and engineer team from start to finish. It takes an experienced team, face-to-face meetings, and technical discussions to receive solid results.

Most important of all, we believe in the power of the team.





WHAT IS ENDURA SERIES?

FASCIA TRUSSES

Since 1997, Frame-Tek has been designing and supplying quality, accurate parallel chord fascia trusses to the industry. By rolling our own custom sections, we eliminate the need for heavy structural steel trusses—offering a lighter, more efficient solution.

Our Endura Series Fascia Truss system is purpose-built for demanding applications, most commonly used on service station canopies and warehouses. As the largest and strongest frames we produce, fascia trusses provide critical structural stiffness to canopies, awnings, and building features while also supporting external cladding.

With larger 150–300 mm profiles, additional rivets for added integrity, and the option to incorporate caps and RHS (Rectangular Hollow Section) members, every fascia truss is engineered to be robust and reliable.

THE KEY BENEFITS OF ENDURA SERIES

- 01 Complete Service**
Includes full design, engineering certification, and shop drawings.
- 02 Standard Purlin Sizes**
Manufactured from any standard purlin sizes (specials on request).
- 03 Rapid Turnaround**
Fast lead times to meet project schedules.
- 04 Rivet System**
All joints riveted eliminating painting & corrosion issues.
- 05 Site-Ready Assembly**
Truss supplied with all connection holes ready for installation.
- 06 Fabrication Efficiency**
Eliminates the welding of galvanised products & reduces costly fabrication delays in your workshop.
- 07 Trade-Friendly Finishing**
Reduces preparation work for finishing trades.
- 08 Quality & Reliability**
ISO 9001:2015 certification for consistent performance.

CAPPED TRUSSES

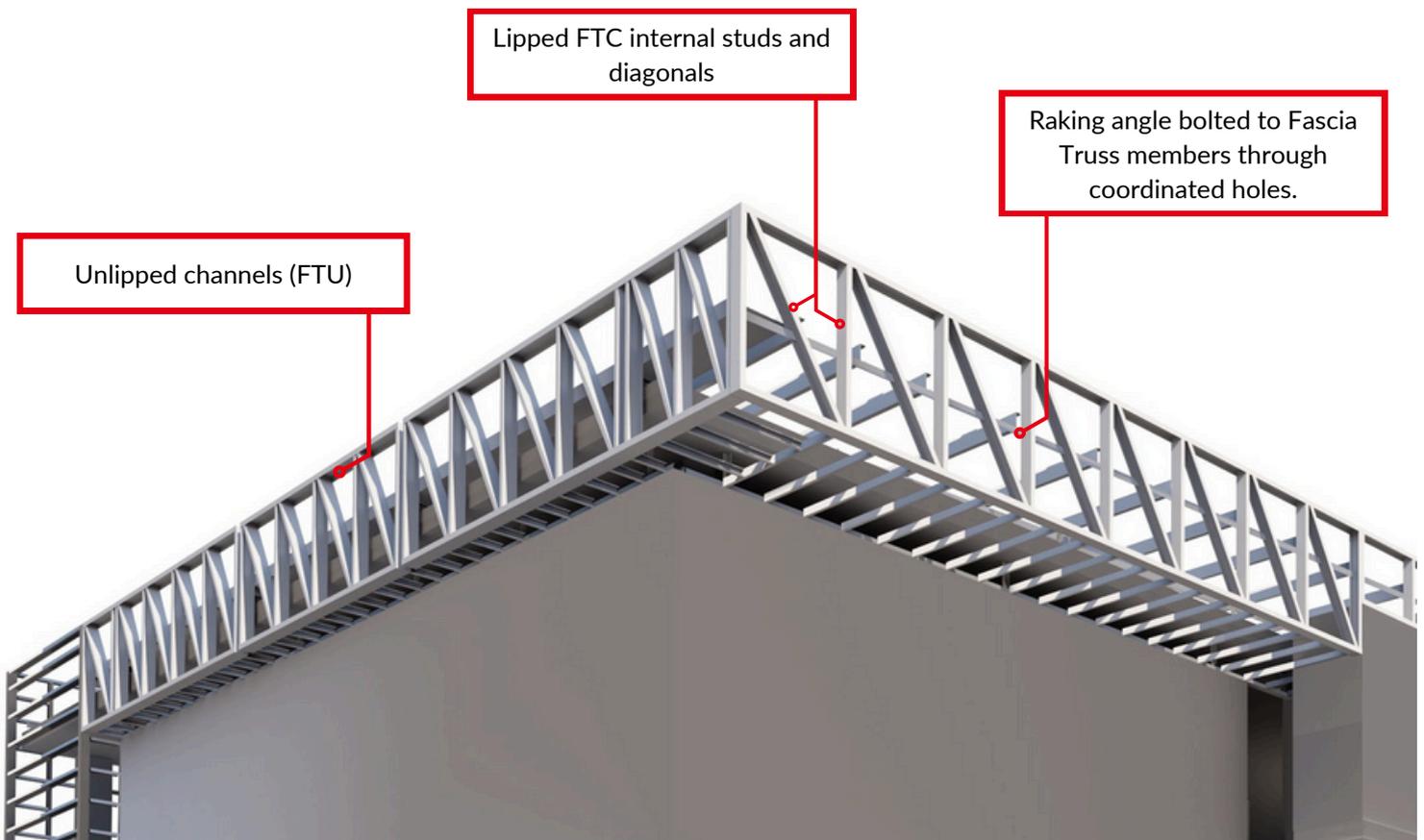


Frame-Tek has developed a unique truss modification to help larger spanning frames withstand increased wind loads. Caps are additional elements that fit over the top or bottom of a frame, significantly boosting its strength.

As wind changes air pressure around the structure, trusses can flex inwards and outwards. Caps act as stiffeners, reducing excessive movement and enhancing overall stability. Produced from the same purlin feed as tracks, caps offer a simple yet effective way to upgrade frame strength, making it almost double the strength.

Frames can be capped on the top, bottom, or both. When both sides are capped, the frame is known as 'double capped' for maximum reinforcement.

TECHNICAL INFORMATION



CONNECTION DETAILS

We supply our trusses with connection details engineered to suit the structure, ensuring a quick installation.

This is just another way our design team collaborates with the steel fabricator to guarantee the efficient installation of our trusses.

These are our typical connection details:



Raking angle corner connection (raking angle supplied by others).

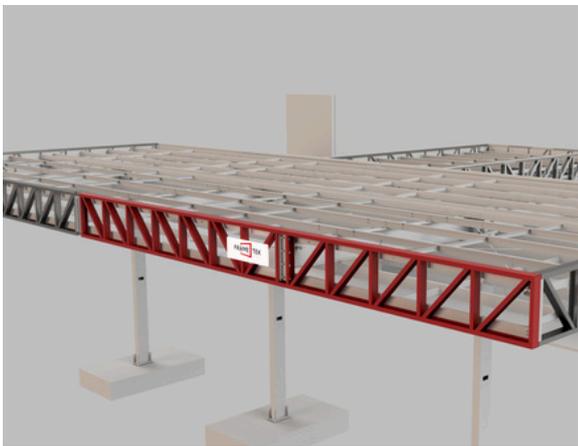


Truss to truss connection.

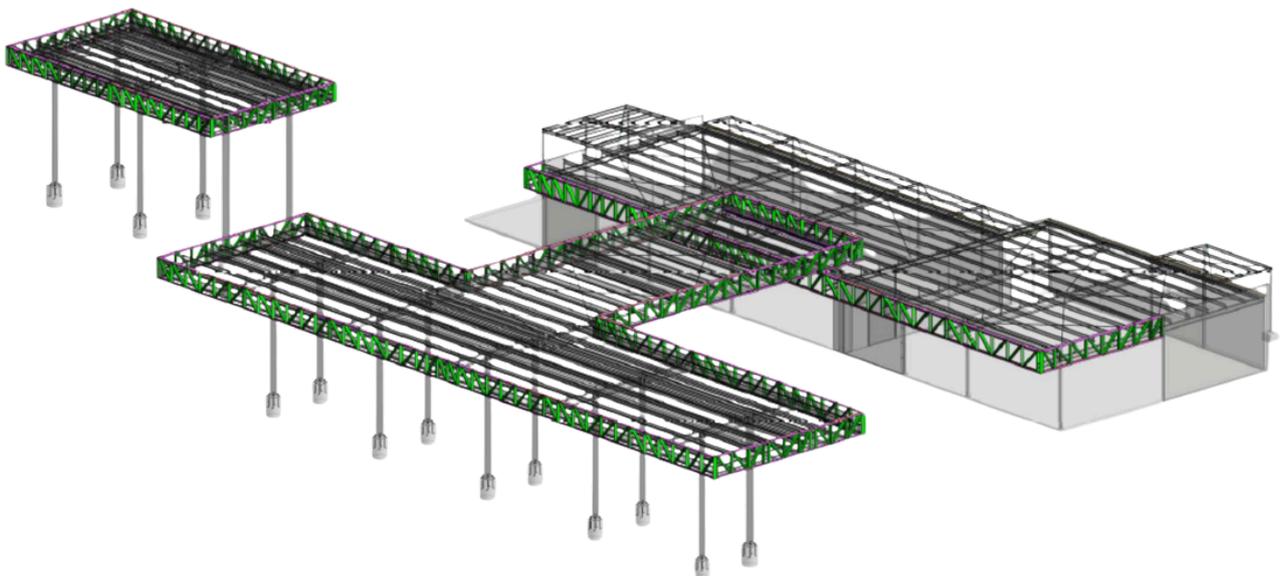


Trusses individually bolted to outriggers.

3D MODELLING



Our design team is engaged early
Provide 3D modelling of our framing.
Our connection details are engineered to suit
the structure with the trusses supplied with
holes ready for quick installation.



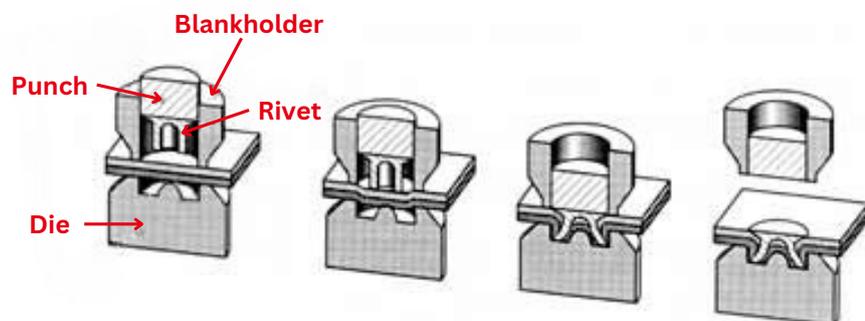
SUPERIOR STRENGTH

Frame-Tek's rivet system

- Unique flush finish water-tight self-piercing clinch riveting system used to join cold roll formed sections.
- Does not damage pre-coated materials
- Very high strength

'No ordinary rivet!'

This fastening system combined with heavy duty cold roll formed steel sections, produces structural frames with a very high load bearing capacity.



CASE STUDY 1

SHELL SERVICE STATION, GUNNEDAH

Frame-Tek worked with The Beniza Group to design, engineer and supply our Endura Series fascia truss system to support the façade around the fuel station canopy.

Our system was able to eliminate the need for heavy structural steel, allowing for a fast and efficient installation process.



SOLUTION

Fast and efficient install

Eliminate Structural Steel

Less on-site trades

Design specific to fit the project

CASE STUDY 2

161 ARTHUR ST HOMEBUSH

Frame-Tek collaborated with Fabinox to design, engineer, and provide our lightweight Endura Series framing, which formed the bulkhead and boxes surrounding the windows.

This innovative design streamlined the installation process for Fabinox, as it replaced all the heavy structural steel.



SOLUTION

Fast and efficient install

Eliminate Structural Steel

Less on-site trades

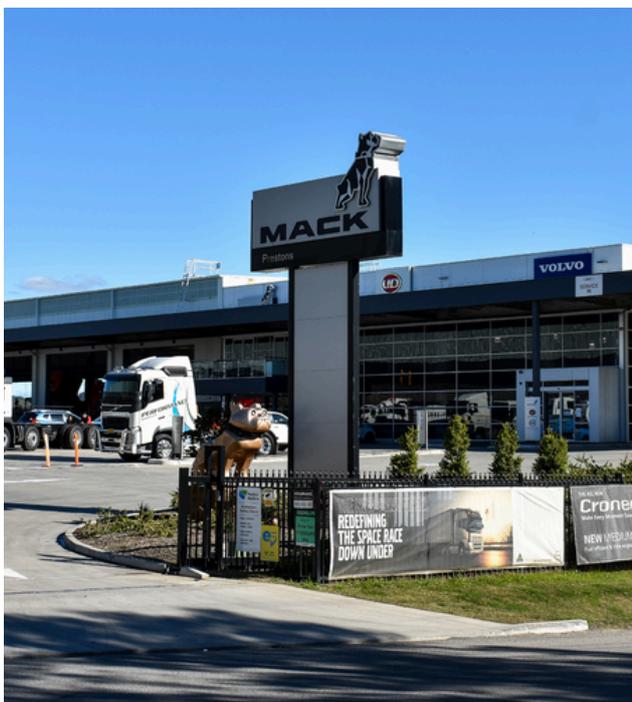
Design specific to fit the project

CASE STUDY 3

VOLVO TRUCK AND BUS FACILITY, PRESTONS

Originally designed using heavy structural steel, the project faced challenges such as extra packing, alignment difficulties, and lengthy fabrication processes.

In response, Frame-Tek created a design that was simple, free from heat stress and corrosion problems, and eliminated the need for additional packing.



SOLUTION

- No heat stress or corrosion issues
- No additional packing required
- Less on-site trades
- Design specific to fit the project

CASE STUDY 4

DAIKIN, COOPERS PADDOCK

Frame-Tek and Profab Industries collaborated to develop the Endura Series framing for this project, aiming to replace the bulky structural steel fascias. The introduction of our system enabled Profab Industries to significantly reduce on-site installation time, as it was delivered prepped and ready for assembly.

By providing uniform trusses, our design ensured a streamlined and cost-effective installation process.



SOLUTION

No heat stress or corrosion issues

No additional packing required

Less on-site trades

Design specific to fit the project

CASE STUDY 5

BP TRAVEL CENTRE WEST BALLINA

Frame-Tek worked with FKG Group and Central Engineering to deliver our Fascia Truss Solution for the Ballina Travel Centre.

We supplied the design, engineering, and prefabricated trusses that supported the façades around the fuel canopies and shop front, eliminating the need for heavy structural steel.



SOLUTION

No heat stress or corrosion issues

No additional packing required

Less on-site trades

Design specific to fit the project

TESTIMONIALS

“The Frame-Tek system has proven to be a game-changer for us. The fascia trusses they provided were of great quality and easy to install. I was impressed with their attention to detail and willingness to work collaboratively with the team to ensure the final product was exactly what we needed. They integrated their trusses onto our 3D model, fully engineer certified, and complete with connection details.

The fascia trusses were a fast, easy and cost-effective solution that significantly accelerated our construction program. I would highly recommend Frame-Tek Group to anyone looking for a reliable and efficient framing solution!”

Construction Manager | NRG Services.

“Frame-Tek Group have proven to be a dependable and flexible partner in our projects. We’ve collaborated on multiple service stations, particularly in North Queensland, where high wind loads and cyclone zones pose unique challenges. Frame-Tek’s engineered fascia trusses have consistently proven adaptable and dependable in these demanding conditions. Their commitment to providing solutions that meet the specific needs showcases their expertise and reliability.

Frame-Tek’s trusses save me time, money and headaches, allowing me to concentrate on the remainder of the project.”

Director | JS Welding.





PHONE

1300 137 263

EMAIL

SALES@FRAMETEKGROUP.COM.AU

WEBSITE

WWW.FRAMETEKGROUP.COM.AU

ADDRESS

32 WOODLANDS ROAD,
KATOOMBA NSW 2780

