Frame & Truss

Roof Trusses, Wall Frames & Flooring Systems

Big River Group is Your One-Stop Shop

BIG RIVER

Trusted by Australia for over a century

Since 1907, Big River Group has built an enviable reputation working in Australia and, more recently, New Zealand's building and construction supply industry. We're proud of our history and long-standing relationships we share with trusted suppliers and clients across the region. Our customers can rest assured that the products they purchase from us are backed by proven experience.

- **Unmatched Service** – we offer 24-hour turnaround for addressing site issues, ensuring your projects stay on track.
- **Expert guidance** – we help you avoid costly delays with Proactive, ad-hoc advice to identify potential problems and plans to solve them.
- **Ethical Customer Commitment** – our dedication to providing transparent, honest service has built long-term, respectful relationships with our customers.
- **A Strong Reputation** – our loyal customer base is testament to our ability to deliver high-quality products and reliable service in such a competitive market.
- **Australian Made, Made to Order** – Big River Group operates three state-of-the-art frame and truss manufacturing sites across Australia.
    - Geelong, Victoria
    - Dry Creek, Adelaide
    - Bellevue, Perth

Thanks to our nationwide distribution network, customers can select from an extensive product offering. Regardless of the size or location of the project, Big River Group is your one-stop shop.

Leading frame and truss solutions

From prefabricated wall and flooring systems to precision-engineered roof trusses, we help streamline your construction process.

As Big River Group stocks such an extensive range of high-quality products, you can be sure we'll have the complete solution to your project available, where and when you need it.

Key Benefits

- Engineered to industry standards.
- Simplified installation: fast and easy.
- Reduced labour costs and build time.
- Cost effective without compromising quality.
- Speed up projects through prefabrication.
- In-house technical team for designing and supporting on-site trades.
- Precision engineered for purpose.

Pre-fabricated Timber Roof Trusses

Built for strength. Designed for efficiency.

Our prefabricated timber roof trusses are engineered to the highest standards, delivering precision, strength and intricate design solutions for every project.

Key Benefits

- Each truss layout includes detailed plans.
- Instant access to the truss installation guide.
- Ensures clarity, accuracy and confidence on-site.

Pre-fabricated Wall Frames

Enjoy significant labour, cost and time savings, while minimising waste.

Pre-fabricated wall frames are manufactured in a controlled, indoor environment where we design, measure, cut and assemble each piece to fit its desired end use. This cost-effective method allows the project to stay within tight budgets and strict timelines.

Key Benefits

- Less cutting for trades.
- No bending or on-ground assembly for trades.
- Quicker installation, less time on site.
- Minimal site theft.

Floor Trusses and Span Joist

Efficient and durable floor systems.

Floor trusses are an open web timber system that is fully engineered and designed for each individual project.

Key Benefits

- Strong and durable.
- Can be incorporated into domestic and commercial construction.
- Air conditioning, plumbing and other services can be incorporated at design stage.

Maximum Spans for Residential Floor Loads (1.5 kPa / 1.8KN)

Span Joist Size	Overall Depth	Timber Size	450mm Centres			600mm Centres		
			Timber Grades					
			MGP10	MGP12	MGP15	MGP10	MGP12	MGP15
SJ200	215mm	45 × 70mm	4200	4800	5200	3600	4600	5000
		45 × 90mm	4800	5200	5600	4000	5000	5400
SJ250	250mm	45 × 70mm	4600	5200	5800	4400	5000	5600
		45 × 90mm	5400	6000	6200	5200	5800	6000
SJ250	300mm	45 × 70mm	5200	5800	6400	4600	5600	6200
		45 × 90mm	5800	6600	6800	5400	6000	6400
		45 × 90mm	6800	7200	7800	5800	6600	7200

Smarter Fixings

Smarter fixings for faster, safer builds.

Whether you're working with internal walls or stick-built frames, our products are designed to make your job quicker, easier and safer.

Key Benefits

- **Innovative Design:** Our products simplify the construction process, reducing the complexity of traditional methods.
- **Quality Assurance:** Manufactured to high standards, ensuring reliable and durable connections.
- **Comprehensive Support:** Backed by Big River Group's expertise and commitment to quality service.

Internal Wall Screw (IWS)

A modern alternative to traditional L brackets.

Our Internal Wall Screw (IWS) secures the top of internal walls to roof trusses with a single screw, reducing the need for multiple nails or brackets.

Key Benefits

- **Faster Installation:** Saves time on-site by eliminating the need for multiple fixings.
- **Simple and Precise:** The screw's design ensures correct placement every time, minimising installation errors.
- **Safer Work Environment:** Install from below the top plate, reducing the need to work at heights.
- **No Over-driving:** The screw is designed to prevent over-driving, ensuring a secure connection without damaging materials.

Stick Build Framing Screws

The safer, stronger solution.

Our Stick Build Framing Screws are engineered for securing wall plates in stick-built frames, offering safer, stronger and faster solution compared to traditional methods.

Key Benefits

- **Enhanced Safety:** Designed to reduce the risk of injury by minimising the need for manual handling and high-ladder work.
- **Improved Strength:** Provides a secure connection between studs and wall plates, enhancing the overall stability of the frame.
- **Time-efficient:** Speeds up the framing process, allowing for quicker project completion.
- **Reduced Material Movement:** Help in reducing issues like cornice bumps and architrave misalignments caused by traditional bracing methods.

Frame Fixings

Strengthen your frames the smart way.

Quick to install and compliant with Australian standards, we help you build better, faster, and safer.

Reinforcement Made Easy

When holes are drilled through top plates to run services, the structural integrity can be weakened. Big River Group's solutions are engineered to restore the strength of the timber, giving builders confidence without needing complex rework or on-site improvisation.

Key Benefits

- **Code-Compliant:** Designed to meet AS 1684 requirements for strengthening top plates around central penetrations (up to 60mm diameter).
- **Versatile Fit:** Suitable for single or double top plates in 90mm-wide frames, with either 35mm or 45mm thickness.
- **Simple Installation:** Easily fixed with self-drilling screws – before or after services are installed.
- **Durable Construction:** Made from G300 Z275 galvanised steel for lasting performance in internal applications.
- Designed for dry internal use only and must be installed in pairs to maintain compliance and strength.

Contact Us

W: bigrivergroup.com.au

Big River Group - Breakwater
A: 15-17 Leather Street, Breakwater VIC 3219
P: (03) 5223 2888

Big River Group - Dry Creek
A: 142 Cavan Road, Dry Creek SA 5094
P: (08) 8203 2933

Big River Group - Bellevue
A: 30 Clayton Street, Bellevue WA 6056
P: (08) 9274 8077

Scan the QR code for more information on Big River Group's Frame & Truss capabilities.

BIG RIVER

January 2026 | Version 1