



CSR Bradford

Glasswool production facility

CSR Bradford is Australia's leading supplier of premium insulation, acoustic control and energy-saving products for homes and commercial buildings.

Based in Australia, they have operations across the Asia Pacific region, including manufacturing facilities in China, Malaysia, Thailand and Australia.

This project was initiated to enhance CSR Bradford's manufacturing capabilities and ensure their readiness to meet increasing client demand across the Asia Pacific region.

 Brendale, Queensland
 Design and construction

Project scope

The project involved a comprehensive redesign and construction of the manufacturing facility, tailored to CSR Bradford's operational needs:

- **Facility conversion:** the existing structure transformed from a single-span trussed beam shed into a light rafter design with strategically placed columns. This innovative approach not only improved structural integrity but also optimised space utilisation.
- **Increased output capacity:** the facility was designed with future expansion in mind, allowing for the installation of a second production line to potentially double output capacity.
- **Enhanced storage solutions:** additional space was created for large storage areas prior to distribution, facilitating better logistics and inventory management.
- **Fast-tracked installation:** by collaborating closely with CSR Bradford's installation team throughout the construction phase, Wiley significantly reduced the equipment installation timeline from months to weeks, enabling a quicker operational start.

Business value to client

Wiley's execution of this project delivered substantial value to CSR Bradford:

- **Cost savings:** the re-engineered design yielded savings of over \$0.5 million for CSR Bradford, allowing the client to allocate resources more efficiently.
- **Operational efficiency:** the collaborative construction approach ensured minimal downtime and accelerated the timeline for achieving operational readiness, enhancing overall productivity.
- **Sustainability:** the new facility aligns with CSR Bradford's Green Policy, incorporating features such as rainwater harvesting, recycled water utilisation, and the use of 60% recycled materials in production processes. This commitment to sustainability not only meets environmental standards but also positions CSR Bradford as a responsible leader in the construction industry.
- **Futureproofing:** the facility is equipped to adapt to future market demands, ensuring CSR Bradford remains competitive and capable of scaling operations as necessary.

Wiley's partnership with CSR Bradford resulted in a world-class glasswool production facility that stands as a testament to innovative engineering and collaborative project execution. This facility not only meets current market demands, but is strategically positioned for future growth, reinforcing CSR Bradford's leadership in the insulation industry.

Through this project, Wiley proudly contributed to advancing CSR Bradford's commitment to sustainability and operational excellence.

