

AT PORTA,
SUSTAINABILITY
ISN'T JUST A
CONCEPT, IT'S
OUR CORE
PHILOSOPHY.



We wholeheartedly believe in the power of responsibly sourced timber as a renewable building material and are dedicated to ensuring that our practices align with our commitment to preserving our planet for generations to come.



Tackling Climate Change

One of our core missions is to tackle climate change effectively. Timber plays a crucial role in this mission, as it stores carbon and has a much lower embodied energy compared to non-renewable building materials. By choosing responsibly sourced timber, you're not only building sustainably but also actively contributing to the removal of CO₂ from the atmosphere.

In line with our commitment to sustainability, our Bridgewater Sawmill boasts one of Tasmania's largest rooftop solar power systems. Remarkably, this solar installation offsets a substantial 60% of the site's total usage. This achievement reflects Porta's dedication to investing in renewable energy sources, thereby reducing costs and our carbon footprint.



Chain of Custody

At Porta, our commitment to sustainability extends to every facet of our operations, including our supply chain. We proudly maintain Chain of Custody certifications from internationally recognised organisations like the Forest Stewardship Council (FSC®) and the Programme for the Endorsement of Forest Certification (PEFC). These certifications empower us to meticulously trace our timber products from the forests where they originate to the final product. This traceability ensures that our timber is responsibly sourced, mitigating concerns about illegal or unethical practices.



Certifications and Partnerships

We proudly hold FSC® and PEFC Chain of Custody certificates, endorsing globally responsible forest management.

Porta proudly collaborates with Responsible Wood, an Australian forest certification system dedicated to sustainable forest management through third-party certification. Additionally, we are actively engaged with The Ultimate Renewable, a campaign committed to promoting the sustainability of wood and its significant role in mitigating climate change.



Reducing Waste

Waste reduction is a cornerstone of our operations, ingrained from our Bridgewater Sawmill to our manufacturing processes.

Bridgewater Sawmill: Our mill utilises a remarkable 95% of the waste generated. Timber reject packs find a meaningful purpose as valuable firewood for the local community, while wood chips are exported for pulp and paper production. Even sawdust doesn't go to waste; it powers furnaces and is transformed into wood pallets, minimising our environmental impact. We proudly support community groups by donating timber.

Fairfield Manufacturing: At our Fairfield factory, 15% of our products find new life through sales or repurposing. Innovative tooling enables us to minimise waste by ingeniously repurposing finished products as raw materials. We actively collaborate with Resource Rescue, ensuring that dowel rejects don't go to waste, we also extend our support to local community projects to re-purpose materials that might otherwise be discarded. Additionally, we collect sawdust, which is then used on chicken farms through a daily collection partnership with a dedicated company.

Product Development and Continuous Improvement: We're at the forefront of research into fast-growing plantation timbers and the creation of laminated products utilising waste materials. Even our manufacturing rejects don't go to waste; we make them available to businesses for kindling and briquette production, transforming what was once considered waste into valuable resources.



Timber's Benefits for Health and Wellbeing

Timber used in interior spaces can profoundly impact health and well-being. It creates a natural warmth and comfort that mimics the effects of being in nature, reducing stress and anxiety.



Learn more about Biophilic Design and its benefits by visiting our blog: ***The Benefits of Timber Biophilic Design CPD.***



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