



# Engineered Plywood Bridge Decking Bridgeply

Give ageing timber bridges a new lease of life with Bridgeply from Big River. Bridgeply is a structural plywood substitute for solid hardwood bridge decking that can help extend the life of timber bridges by decades.

Whether you are repairing, refurbishing or replacing a small timber bridge, Bridgeply from Big River offers a reliable, economical alternative to hardwood, steel and concrete decks.

Manufactured in Australia from sustainable timbers, Bridgeply is the ideal replacement for hardwood decking on rural bridges, site access crossings, footbridges and walkways in eco-sensitive developments.

## Big River

Building Australia for over 100 years



# Give timber bridges a new lease of life.

Bridgeply is a structural grade plywood manufactured to AS/NZS 2269. Made in Australia from sustainable and renewable Australian Plantation Pine, BridgePly offers a faster, lighter more cost effective bridge deck solution.

The ply is cross-laminated, with the grain at right angles in alternating layers, to evenly distribute longitudinal and lateral stiffness. The product is envelope treated (H5) to protect against termites, fungus and environmental degradation.

Bridgeply panels are available in widths of 1200mm, with a standard thickness of 170mm and in lengths to order. Panels can be produced in lengths continuous to 14 metres.



## The Big River Group

With more than 110 years in the timber industry, the Big River Group is one of the largest private timber manufacturing and marketing businesses in Australia, servicing all states and many international projects.

Manufacturing operations are located at Grafton and Wagga Wagga in NSW, where a range of hardwood and pine resources are processed into timber products, including plywood for formwork, structural and decorative applications.

The Big River Group has sales and distribution outlets throughout Australia & NZ, servicing the construction and building industry as well as the manufacturing sector with a diverse range of timber products and other associated construction materials.

As both manufacturer and distributor of building products, the Big River Group provides the security of a complete support network, backed by technical expertise and more than a century of experience.

[www.bigrivergroup.com.au](http://www.bigrivergroup.com.au)  
1300 88 1958

## Bridgeply Product Specifications

Standard	AS/NZS 2269.0 Structural Plywood
Treatment	H5 Deep Envelope Treatment
Sheet Size	Width 1200mm Length continuous up to 14m
Thickness	170mm, or to order
Plywood Grade	CC
Weight	105 kg/m <sup>2</sup> (170mm thickness)
Timber Species	Radiata Pine (Sustainable Timber AFS-AS4708)
Moisture Content	0-12% ex mill untreated
Tolerance	As per AS/NZS 2269.0 Thickness -0 +6%
Bond Type	A Bond, Phenolic/Resorcinol
Formaldehyde Emission	Super E <sup>o</sup>
Thermal Expansion	Average coefficient of thermal expansion for structural plywood is approximately $4.5 \times 10^{-6}$ mm/mm/°C as compared with $11 \times 10^{-6}$ mm/mm/°C for steel.
Certification	Engineered Wood Products Association of Australia (EWPA) Chain of Custody Certified, AFS/PEFC certified number 224



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