

Recycled Timber Product Guide



FLOORING



DECKING



CUSTOM MILLED



RECYCLED
TIMBER
COMPANY

recycledtimber.net.au

Why Recycled Timber is Naturally Better



Stylish and durable

Timber recycling or wood recycling is the process of turning waste timber into usable products. Timber that is destined for landfill is now repurposed and turned into aesthetically beautiful, high value products. The use of recycled timber in renovations, restoration and construction projects makes a bold statement. Whether used structurally or as a feature, in contemporary or classic designs, West Australian hardwoods are distinctive and naturally beautiful, making them a great choice for many interior and exterior applications.



Sustainable

Recycled Timber is a naturally renewable and environmentally sustainable building product. Current design trends and a global shift in consumer awareness are raising the profile of recycled timber. With the reduction in hardwood timber production in Australia and the communities desire to preserve native forests, using recycled timber as alternative building product is fast becoming an iconic symbol of social responsibility.



Home-grown

The Recycled Timber Company is a family-owned and operated business that has been reclaiming West Australian timber for over 20 years. We specialise in West Australian native hardwoods — jarrah, karri, wandoo, marri and blackbutt.

Each year we salvage thousands of cubic metres of demolition floorboards and structural beams from old buildings — factories, houses, halls, churches and schools — that would normally be destined for landfill. We carefully strip out and transport the timber to our Perth factory, where we de-nail, metal scan, grade and re-mill it for re-sale. Our modern milling practices transform reclaimed timber into stunning high-quality flooring, claddings, screens, decking, feature walls, stair treads and many other bespoke architectural products.



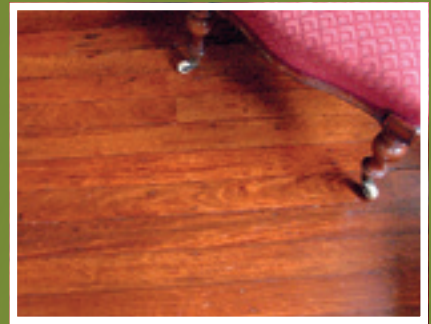
Eco-friendly

Using recycled timber instead of new, synthetic materials has other advantages. Recycled timber is naturally thermally efficient, uses less energy to produce (compared with new engineered and plantation timber) and is chemical free.

“When you put the whole picture together, recycling is the right thing to do.”
— Pam Shoemaker



RECYCLED TIMBER FLOOR



West Australian hardwood floors are beautiful to look at and comfortable to live with.

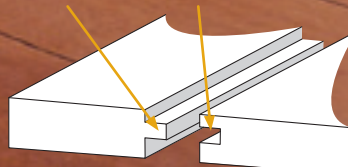
The natural variations within the timber give it a unique, authentic look and the neutral colour range complements virtually any style from classic through to contemporary.

The Recycled Timber Company supplies both recycled and re-milled solid timber floorboards. Recycled floorboards are salvaged from old buildings pre-demolition and come to us in a range of conditions, timber species and sizes. Re-milled or custom milled floorboards are machined from old structural timber.

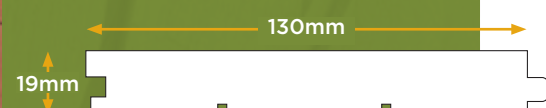
An investment in solid recycled or remilled hardwood flooring will provide you with a level of quality that will last many lifetimes.

Type	Species	Width range (mm)	Thickness ranges (mm)
Recycled Timber Flooring	Jarrah, Karri, Wandoo, Blackbutt Bespoke/Exotic timbers available in small lots on occasions — Baltic, Ramon, Cedar	60, 80, 105, 130 (variations in those width ranges do occur)	19-25
Re-milled (overlay)	Jarrah, Karri	60, 80, 105, 130 (wider boards subject to timber source availability)	11-25
Other (new)	Marri, Blackbutt, Jarrah, Karri		

Tongue and groove



Profile of board



Decking



It's hard to match the look and feel of a genuine hardwood timber deck.

Natural hardwood decking is attractive, practical and hard wearing and suits virtually any style of outdoor space. We manufacture decking from structural jarrah salvaged from the subfloor of old buildings, warehouses, halls and churches.

Once it's been de-nailed and remilled, it starts its life again

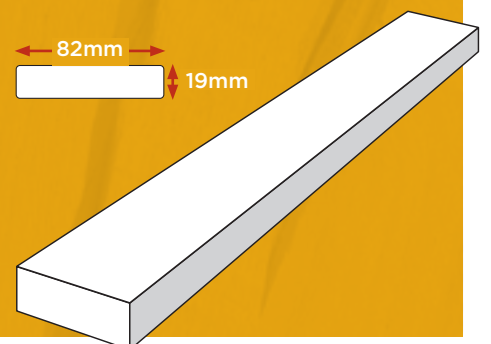


as a new decking board — 82 x 19mm with two smooth faces and a radius edge to assist with water runoff. Jarrah is a class 1-2 timber known for its durability and resilience in the Australian outdoors. By choosing our old growth remilled jarrah decking over kiln dried timber, you will be rewarded with dense, rich, red colours and stability. We produce decking in two grades — standard and utility. Utility grade is chosen for its rugged character



— nail marks, gum feature, saw marks and boreholes from insects.

Decking board profile



NOTHING

*claddings
feature walls
stair treads
lining boards*



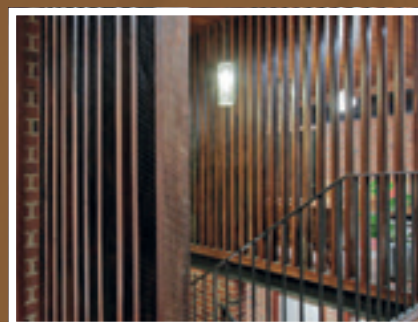
*“Good design
by nature
is sustainable.”*

Creative people continue to find innovative ways of transforming old materials.

With creative designs the possibilities with recycled timber are endless. At the Recycled Timber Company we work closely with innovative designers, builders and craftsmen to produce high quality claddings, benchtops, stair treads, lining boards and furniture timbers for their individual project needs.

When working with salvage products, each batch of reclaimed timber is unique and is assessed on its own merits and potential applications. Our bespoke timbers are available in a range of surface treatments — dressed, brushed, skip dressed and sawtooth.

As a reputable recycler and timber merchant, the structural integrity of our timber is paramount and we pride ourselves on our track record of producing commercial quality recycled timber products to suit even the most ambitious project.



IT DOES HOW WE

Processing

Recycled or reclaimed timbers have lived a previous life as part of a building or structure. Their unique characteristics include saw marks, nail and bolt holes. While there is a general perception that recycled timber should be cheaper than new timber, the cost of reclaiming and remilling timber, combined with its increasing demand, often places it in the premium priced product range.

Grading

Timber is a natural product with many variations. Recycled or reclaimed timber is graded into three levels:

- (1) standard
- (2) feature or utility grade, and
- (3) downgrade

This is determined by the species, natural grain and overall condition. Natural grain is assessed on the frequency and size of the features (gum veins and knots) and with hardwood timber supplies steadily declining, we are learning to embrace the imperfections and rustic qualities of recycled timber more readily.

Protection and Preservation

Timber is 'hygroscopic' which means that its moisture content will vary to equalise with changes in the humidity of its surroundings.

For timber to remain stable, it needs to be milled, stored and maintained at controlled temperatures. Seasoned or recycled timber usually holds less moisture than air or kiln-dried timber because of the more natural pace of the curing process. Our recycled and remilled timber products are stored in our factory to help maintain consistent moisture content.

Once your timber is installed we encourage you to consider a preserving product to maintain its longevity. There are many modern urethanes, oils and waxes on the market to suit different applications. If you don't have a preference, ask us to recommend a supplier for these.

Supply and Installation

Our ability to source raw recycled timber is entirely dependent on what is made available to us through the demolition industry.

Architects and builders often specify a particular recycled product for their project only to meet with the challenge of supply. We generally recommend that specifications include workable lead times and acceptable alternatives, to give the project the best chance of success.

It's worth noting that salvage timber is recovered and supplied in what the industry calls 'random lengths'. More often than not we cannot cater to set length requests, due to high wastage costs.

We stick to what we do best, sourcing and recycling timber. If you need an installer we can supply you with a list of trade partners that offer high quality carpentry, sanding and coating services.

Freight

Our products can be shipped almost anywhere in Australia and around the world. At a local level, the timber is dispatched using a Hiab/crane truck and then delivered to the project site or to an arranged storage facility.



Timber Selection Guide

The Recycled Timber Company specialises in reclaiming and re-milling West Australian hardwoods.

West Australian Eucalyptus species are renowned for their beauty, versatility and durability.

The following information acts as a guide in selecting the best recycled timber for your next project.



JARRAH



KARRI



MARRI



WANDOO



BLACKBUTT

Eucalyptus marginata

- Durable and stable
- Internal or external use.
- Hard and relatively dense timber (Janka rating 8.5).
- Medium textured grain. Occasional wavy and interlocking grains.
- Can be stained, sanded, polished and coated.
- Strong resistance to termite activity.

Eucalyptus diversicolor

- Durable and stable, sensitive to water exposure.
- Suited to internal use.
- Hard and relatively dense timber (Janka rating 9.0).
- Long linear grain with some interlocking grains.
- Lower resistance to termite activity.
- Can be stained, sanded, polished and coated.

Corymbia calophylla

- Durable and stable, however doesn't like exposure to water.
- Suited to internal use - flooring and panelling.
- Hard and relatively dense timber (Janka rating 7.1).
- Highly featured floor with gum veins.
- Lower resistance to termite activity.

Eucalyptus wandoo

- Durable and stable, though harder.
- Suited to internal use.
- Very hard and dense timber (Janka rating 15.0).
- Tiger, mottled patterned grains with some swirl.
- Lower resistance to termite activity.

Eucalyptus patens

- Very attractive timber suits classic and modern applications.
- Durable and stable, however doesn't like exposure to water.
- Suited to internal use.
- Moderately dense timber (Janka rating 6.9).
- Swirly open patterned interlocking grains.
- Lower resistance to termite activity.
- Available as recycled (limited supply) and new.

Note: The above timber samples are indicative only. In individual species and particularly recycled hardwood timbers, there will be a range of natural colour and grain variations.

TIMBER FLOORING SIZES

Thickness: 11-20mm	Thickness: 11, 19, 22mm	Thickness: 11-20mm	Thickness: 11-20mm	Thickness: 11-19mm
Width: 60, 80, 105, 130mm	Width: 80, 82, 105, 125, 130, 165mm	Width: 60, 80, 105, 130mm	Width: 60, 80, 105, 130mm	Width: 60, 80, 105, 130mm
Length: random	Length: random	Length: random	Length: random	Length: random
Grade: standard or better, utility	Grade: standard or better, utility	Grade: standard or better, utility	Grade: standard or better, utility	Grade: standard or better, utility
Stock: recycled, re-milled and new	Stock: recycled and re-milled	Stock: new (occasionally re-milled)	Stock: recycled flooring only	Stock: new, recycled, (occasionally re-milled)
Styles: flooring, decking and custom-milled	Styles: flooring, decking and custom-milled	Styles: flooring and custom-milled	Styles: flooring	

Recycled Timber



Visit our Bayswater showroom and factory:

**12 Clavering Road, Bayswater WA 6053
(08) 9271 8775**

Trading Hours:

**Monday to Thursday: 7am to 4pm, Friday: 7am to 12pm
After hours by appointment**

**info@recycledtimber.net.au
www.recycledtimber.net.au**

Keep in touch with us! Share with us your project images, news, views and reviews — we really do look forward to hearing from you.

