



# CLASSICplank™

SURFACE FIXED  
TIMBER DECKING

ARCHITECTURAL HARDWOOD DECKING, CLADDING & CEILING SYSTEMS



## THE SYSTEM

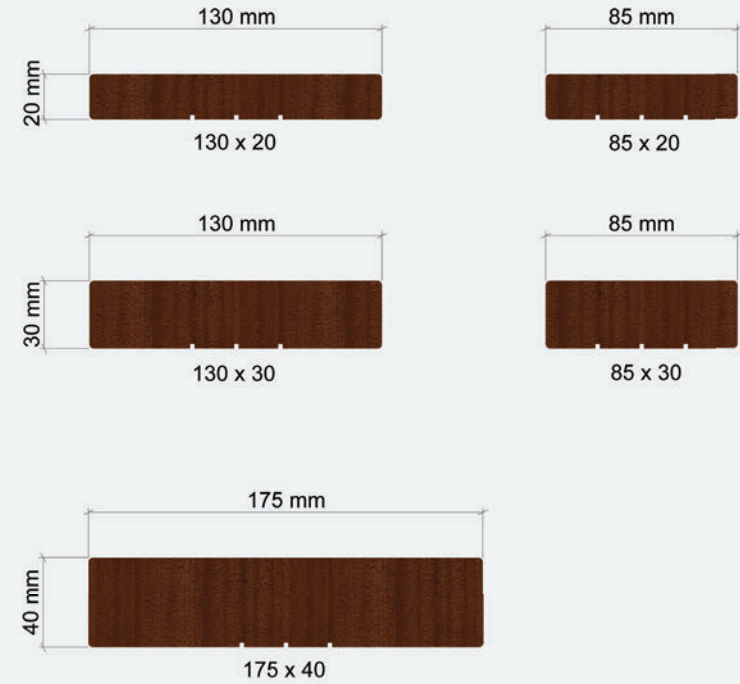
**Classicplank™** is the ultimate option for surfaced fixed decking and screening. This traditional profile will always have a place in any project. With a lot of thought and years of experience, we know this innovative design won't fail whatever the application may be. From a heritage building to modern architecture or boardwalk or just standard choice, the CLASSICPLANK profile with its wide range of options proves to be first choice in customary decking or timber privacy screening.



# CLASSICPLANK PROFILE & SIZES



## CLASSICPLANK PROFILE & SIZES



**Size Selection Note:**

For high traffic areas and commercial applications, we recommend you consider using 30mm or 40mm options where available. Spotted Gum and Jarrah are popular species for these types of applications.



# TIMBER SPECIES



BLACKBUTT	
Pricing	\$\$\$
Sizes Available	85x20, 130x20
Recommended Use	Residential Applications



SPOTTED GUM	
Pricing	\$\$
Sizes Available	85x20, 130x20
Recommended Use	Residential & Commercial Applications



JARRAH	
Pricing	\$
Sizes Available	85x20, 85x30, 130x20, 130x30, 175x40
Recommended Use	Residential & Commercial Applications



IRONBARK	
Pricing	\$\$
Sizes Available	85x20, 130x20
Recommended Use	Residential & Commercial Applications



PACIFIC TEAK	
Pricing	\$\$
Sizes Available	85x20, 130x20
Recommended Use	Residential & Commercial Applications



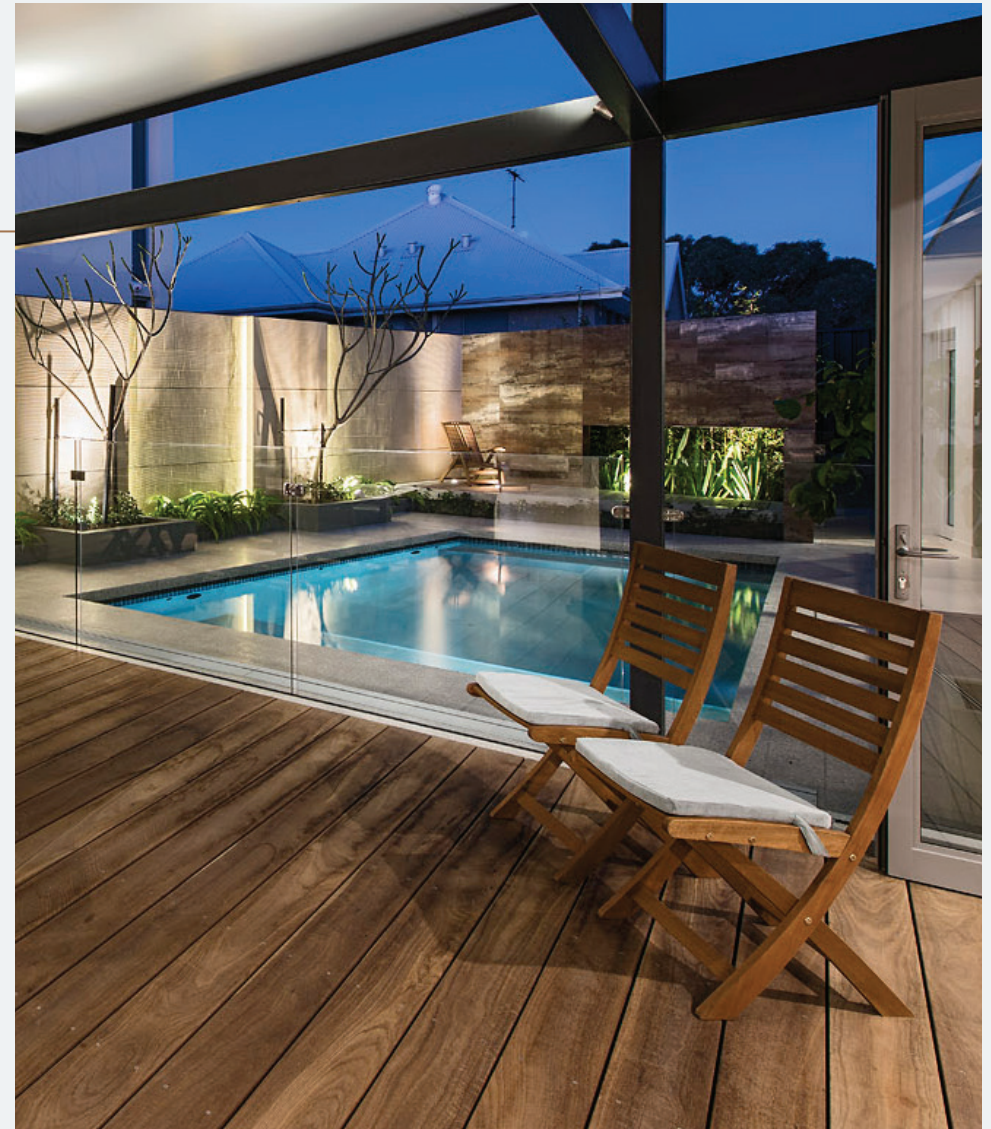
## TIMBER SPECIES DATA

TIMBER SPECIES	BAL RATING	LENGTHS*	MOVEMENT**
Blackbutt	BAL 12.5, 19 & 29	Average Length 2.4m	High - 7.3%
Jarrah	BAL 12.5 & 19	Average Length 2.1m	High - 7%
Pacific Teak	BAL 12.5 & 19	Average Length 2.7m	Low - 4%
Spotted Gum	BAL 12.5, 19 & 29	Average Length 2.7m	Medium - 6.5%
Ironbark	BAL 12.5, 19 & 29	Average Length 2.7m	Medium - 6.1%

\* BAL refers to bush fire attack level

\*\* Average board length, lengths supplied range from 0.9-4.2m+ with 90% of boards 1.8m and above. Higher average means more longer length boards.

\*\*\* Stability of the timber, shrinkage across the board width.





## FINISHING

Timber can be supplied uncoated or fully pre-oiled prior delivery. Mortlock uses Clear Cutek CD50 which is a penetrating oil designed for external use and can also be used for internal applications. To maintain the natural timber colour, an additional two coats are to be applied on site as per manufacturer's application and maintenance instructions. Mortlock can pre-oil with Cutek Colourtone, this adds extra cost and means longer lead times. Further information on Cutek oil can be found at [www.cutek.com.au](http://www.cutek.com.au).



## EXAMPLE SPECIFICATION

EXAMPLE SPECIFICATION	
Product Name	Classicplank Timber Decking
Timber Species	Jarrah
Finish	Cutek CD50 Clear Oil
Board Size & Shape	130×30
Fire Requirements	BAL 19
Contact	Mortlock Timber Group 1800 894 400 <a href="mailto:info@mortlock.com.au">info@mortlock.com.au</a> <a href="http://www.mortlock.com.au">www.mortlock.com.au</a>





## PRICING & TENDER SUBMISSION

To make large scale projects and tenders easier, we are able measure from PDF drawings which are returned with a detailed BOQ and an itemised proposal for cross referencing. Email plans or Tender invite to [info@mortlock.com.au](mailto:info@mortlock.com.au)



## IMPORTANT INFORMATION

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### UNEVEN WEATHERING

Uneven weathering will be caused where timber is left stacked in the sun prior to installing, even when the timber is wrapped, as plastic is not completely UV resistant. The only way to resolve this is to leave the decking exposed for a few months and the uneven weathering will eventually fade. Decking installed in shady areas will not weather as much as timber in fully exposed areas.

### MINIMUM GROUND HEIGHT

We recommend timber decking to have a minimum 300mm ground clearance, so timber can breathe and allow moisture to escape.

### EXPANSION ALLOWANCE

Timber is a porous material and some movement should be expected. Allow for timber to expand when installing adjacent to other surfaces. i.e. Brick walls, retaining walls etc.

### DRAINAGE

Ensure adequate drainage underneath the deck to allow water to flow away. If water is not able to drain or flow away from the timber it will expand beyond normal expectations and cup.

### ONSITE STORAGE

The decking should be kept in its original pack until installation. If it is repacked, it should be done the same as it was when delivered and must be stored out of the weather and at least 50mm off the ground.

### TIMBER MOVEMENT

Given Australia's harsh climate, from heavy monsoonal rains to extremely hot, dry summers, it is natural for timber to move. Some degree of shrinkage or expansion is completely normal.

However, Mortlock Timber cannot be held responsible for movement caused by poor maintenance or prolonged exposure to moisture. In such cases, the timber may shift beyond what would normally be expected.

### TANNIN LEACHING

Tannins are natural extractives present in most timbers, some more than others. Moisture permeating through the timber will bring these tannins to the surface which can cause stains on surrounding materials such as paving or rendered walls. Levels of tannin leaching will reduce over time and if staining does occur it should be scrubbed off as soon as possible using a stiff bristled broom and soapy water.

Quick Link:

<https://www.mortlock.com.au/timber-leaching/>

### TIMBER WASTE

To allow for offcuts and joining boards over joists a 10% waste factor is considered standard industry practice.



## INSTALLATION

### BUILDING THE SUBFRAME

To avoid cutting the last board to final width, consider building the subframe to a width to suit the incremental sequence of the boards. For example: 2400mm deck width. 85mm board with a 5mm spacing has a 90mm cover. Therefore 2400 divided by 90mm = 26.67 boards. 27 boards x 90mm is 2430mm total width. Final width =  $90 \times 27 = 2430$ .

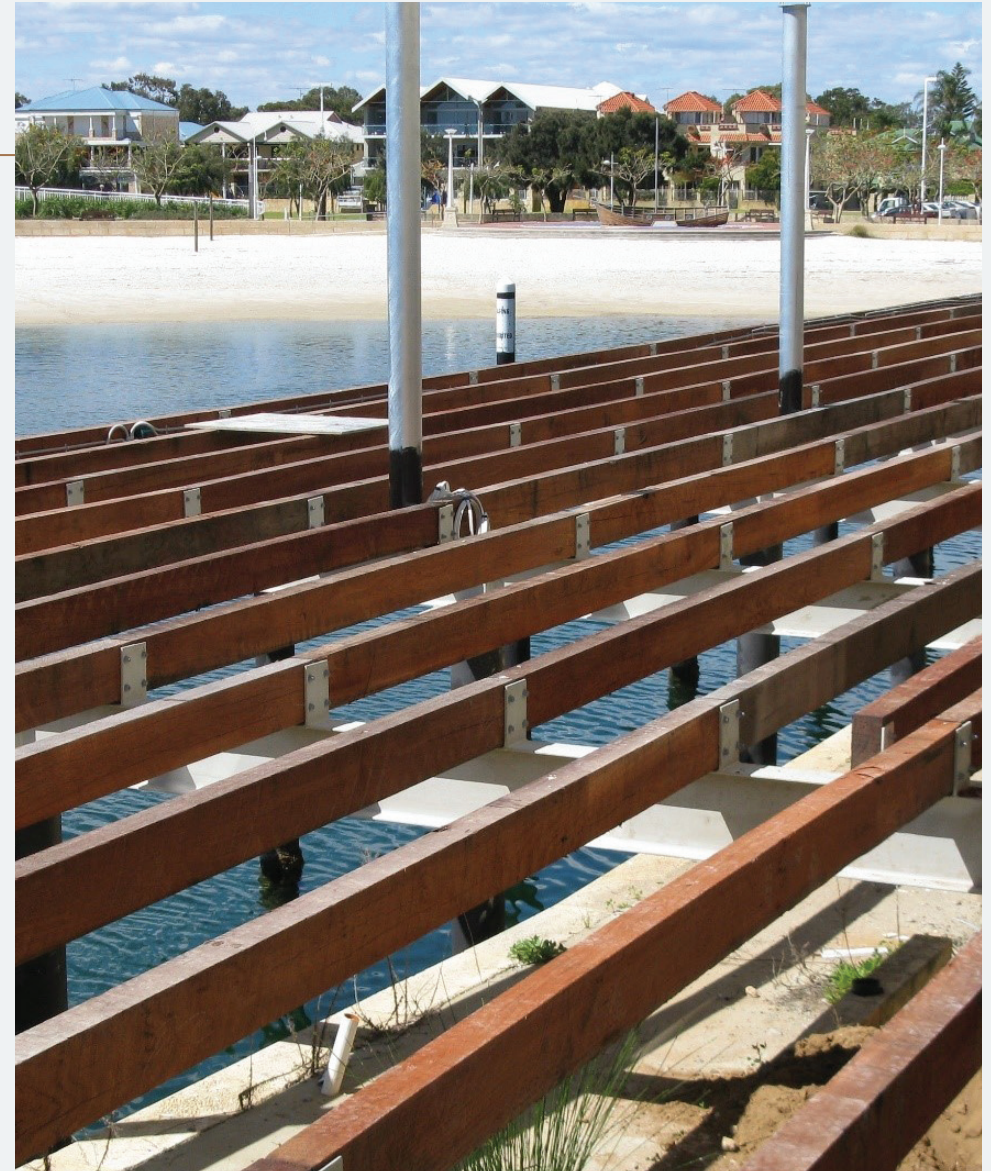
Joists to be set at 450mm centres for 20mm thick decking and 600mm centres for 30mm and 40mm thick decking, Classicplank can be installed on timber or steel joists. Tops of joists should have a joist flashing or painted black.

Classicplank Timber Decking is designed for bearers and joists that are structurally sound as per the AS1720 and compliant with the National Construction Code (NCC). Decking subframe should be constructed as per Australian standards. Mortlock does not supply timber for subframes. Installation standards for decking products is outlined in the AS1684 and AS1720.

Quick link: <https://www.woodsolutions.com.au/articles/1684-code-compliance-overview>

### SPACING BETWEEN BOARDS

Use a spacer to maintain a consistent gap between the decking boards and adjacent walls. 85mm width decking to have a 5mm spacing, 130mm and 135mm decking to have 6mm spacing, and 175mm to have 8mm spacing between boards.



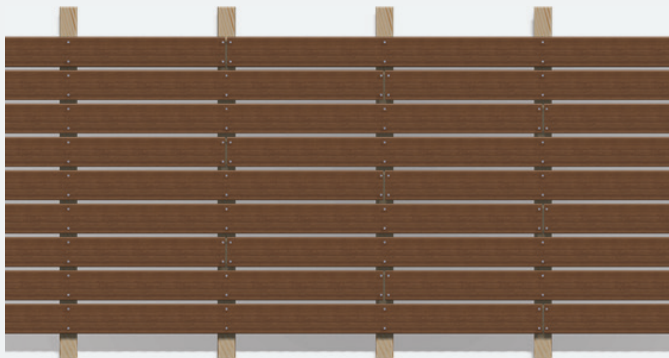


## FIXING & JOINTING BOARDS

Each board should be fixed to each joist with two screws per board per joist and in accordance with the Australian Standards. Four screws should be used where boards are but jointed with screws approx. 12mm in from the ends of the boards. End joints should be slightly undercut to ensure a tight fit as per diagram below. Board joints should be staggered and sit over a joist. Pre-cutting and loose laying boards ahead of screwing them down helps to minimise waste and stagger the joints.



Slightly undercut for tight jointing



Staggered board joints, four screws per joint.



Two screws per board per joist

## BUILDING THE SUBFRAME

DECKING THICKNESS	SCREW LENGTH FOR TIMBER JOISTS	SCREW LENGTH FOR STEEL JOISTS	RECOMMENDED GAUGE
20mm	50mm	30mm	10g
30mm	60mm	40mm	14g
40mm	70mm	50mm	14g

This chart is a guide only, you should speak to Mortlock Timber or your fixing supplier to discuss your requirements prior ordering.



## MAINTENANCE



Mortlock Timber uses Cutek CD50 oil when pre-oiling, whilst there are other products you can use, below is a recommendation for maintaining your timber decking using Cutek CD50.

One coat of Cutek CD50 Clear should be applied to all surfaces of the timber prior to delivery by Mortlock Timber Group, with a second coat of Cutek CD50 applied once installation is complete.

Apply a second coat of Cutek CD50 with Colourtone to decking once installation is complete to delay the silvering process and enhance the natural character and colour of the timber. Colourtone Cutek oils can still look like a clear finish, depending on the Colourtone selected. Colourtone recommendations can be found at [www.cutek.com.au/product/colourtones/](http://www.cutek.com.au/product/colourtones/)

A third coat of Cutek CD50 with Colourtone should be applied once construction is complete. A fourth coat should be applied within 6 months of third coat.

After the fourth coat, recoating time varies widely according to many factors including the age and porosity of the wood, species, situation, and exposure to the weather. Typically, fully exposed decks may require coating every 1-2 years, Cutek CD50 should be reapplied when the wood is no longer beading water, or as frequently as necessary to retain the natural beauty and colour of the wood.

Oil should only be applied once the previous coat has completely penetrated and is dry. The time taken for Cutek CD50 to diffuse into the timber varies significantly, depending on aspect, species, ambient temperature, porosity, and moisture content of the timber.

Further information on where to buy Cutek Oil and application instructions can be found at [www.cutek.com.au](http://www.cutek.com.au).



PROJECT DETAILS	
Project	Branksome Gardens
Location	City Beach WA
Board Size	175x40
Timber Species	Jarrah



PROJECT DETAILS	
Project	Barrack Square
Location	Perth WA
Board Size	175×40 & 85×40
Timber Species	Jarrah, Fine Sawn





PROJECT DETAILS	
Project	Merino Way
Location	Margaret River WA
Board Size	130x20
Timber Species	Blackbutt



PROJECT DETAILS	
Project	Dolphin Quay
Location	Mandurah WA
Board Size	175x40
Timber Species	Jarrah





PROJECT DETAILS	
Project	Kings Square
Location	Perth WA
Board Size	130x20
Timber Species	Jarrah



PROJECT DETAILS	
Project	Dept. of Fisheries
Location	Shark Bay WA
Board Size	130x20
Timber Species	Jarrah





PROJECT DETAILS	
Project	Cottesloe Residence
Location	Cottesloe WA
Board Size	135x20
Timber Species	Pacific Teak



PROJECT DETAILS	
Project	Dawesville Residence
Location	Mandurah WA
Board Size	135x20
Timber Species	Spotted Gum

PROJECT DETAILS	
Project	Merino Way
Location	Margaret River WA
Board Size	130x20
Timber Species	Blackbutt



## DESIGN & INSTALLATION CONSULTING

Our team can work through detailing and specification requirements to meet specific project requirements. We can assist with budget management without compromising aesthetics and ensure our products perform with an extended life cycle.

## SAMPLES

Mortlock Timber Group samples department is stocked with our full range. We use express delivery service and generally deliver samples to your door within 2-3 days. Custom samples and sample boards can take 3-6 weeks depending on requirements.



**MORTLOCK**  
T I M B E R

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