

# Lifestyle by

Deck  Max<sup>TM</sup>

The secret fixing solution for decking

[www.deckmax.com.au](http://www.deckmax.com.au)



Hardwood

Composite

Bamboo

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timber species - Pages 2  
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Tongue & Groove flooring  
and Balcony decking  
Soffit Linings

## Secret Fixings



Timber offers you the most beautiful feel to match your lifestyle and the warm ambience for you to enjoy.

Deck-Max hardwoods offer you a cross section of colours, species and decking sizes.

Bring the outside into your home by selecting one of our Select Grade timbers with a secret fixing system that is number one in the world.

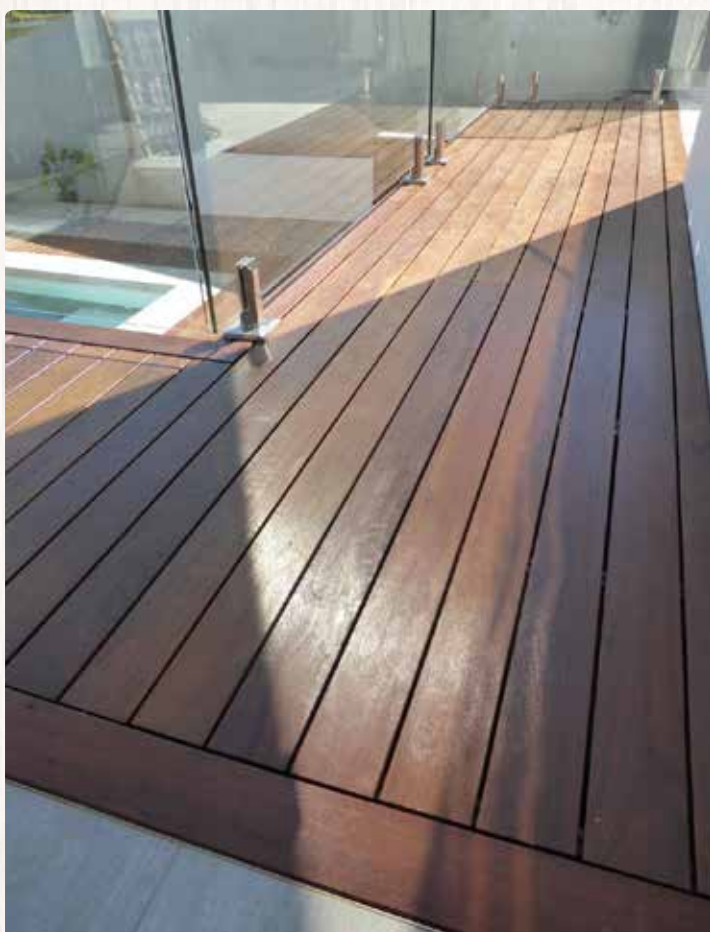


# Decking Choices

## Iron Bark

one of Australia's finest timber

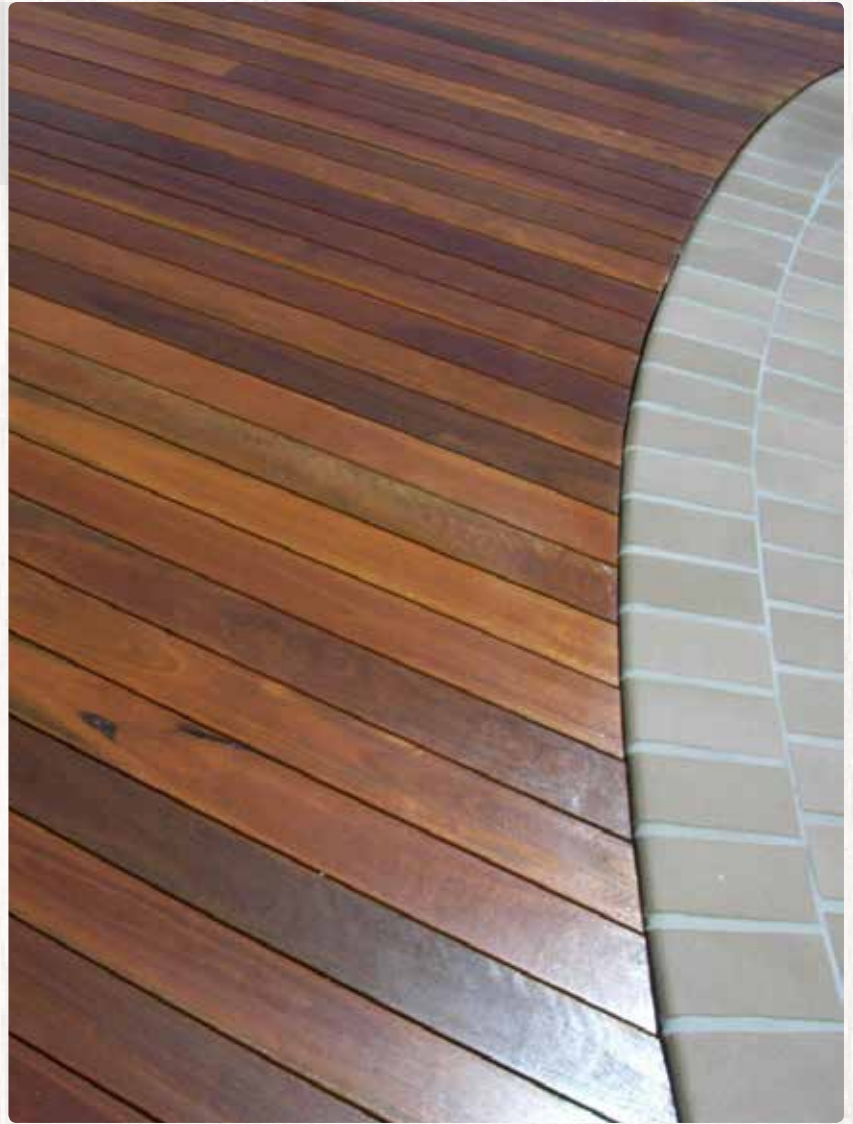
- Design Tip is to create picture frame detail.
- Using the secret fixing your deck will be spectacular.
- Using the natural colour tones of Iron Bark along with its durability – this is premium decking at its best.

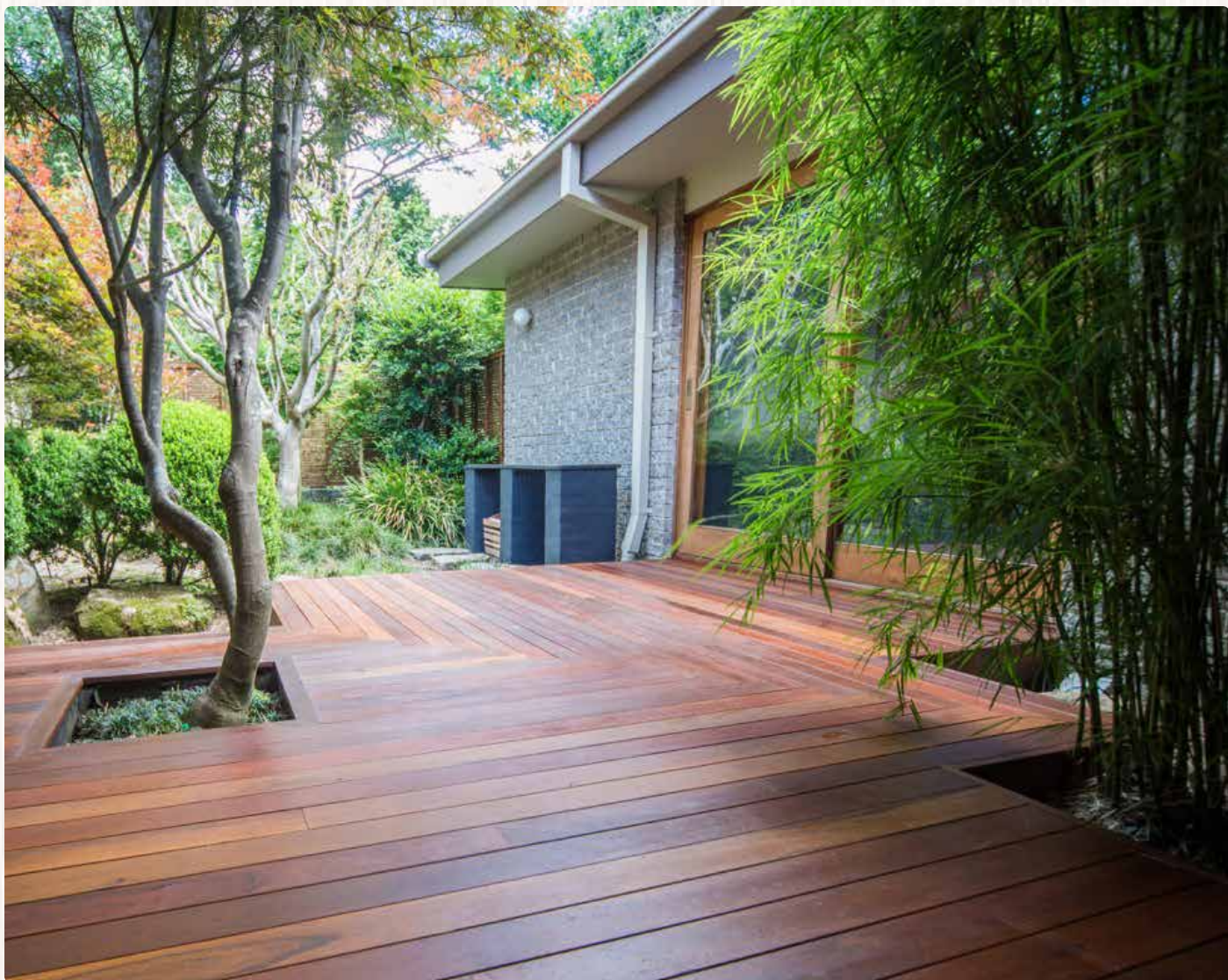


# Spotted Gum

one of Australia's finest

- Colour tones only nature can create.
- Variety of colours from light brown to chocolate and streaky in the veins.
- Select Grade materials for your project.
- Always ensure good air flow under the decking area and often set with a 5mm gap.





## Merbau

one of australia's favourite timbers

- Referenced by merbau / merboo / kwilla – it is by far the most popular timber selected in Australia.
- Deck-Max manufacture in 135mm wide boards, this is the most beautiful timber for our outdoor lifestyle.



# Merbau

one of australia's favourite timbers

- Merbau has a very straight grain and allows the board to be milled in a wider dimension (135mm) This timber will retain great stability.
- It is all in the drying of hardwoods that we can achieve stability and quality.
- Natural colour in the oil coating is recommended to retain the beautiful colours and grain of this timber.





## Forest Light

one of Australia's finest timbers



- More often referred to as Blonde timber for its light to pale straw colours.
- Ideal for the soft feel and light tones.
- The final oil you choose will determine the finished colour.
- Ask Deck-Max for suggestions in coatings and design.



# Best Practice Tips

- When choosing the area for the decking always consider the clearance off the natural ground to the decking.
- This ensures that air flow and moisture are controlled.
- Be sure you have achieved good drainage from under the deck area.
- Ask Deck-Max for further detailed information during your planning.
- Consider the gap settings between the boards – Deck-Max offer 2 x settings 3mm and 5mm.
  - 3mm is the building code minimum allowing for expansion and contraction.
  - 5mm is selected for fire areas and decks close to ground.
- The wide Aussie Hardwood in the wide board say 140mm is not stable and we do not recommend this dimension for decking – warping and twisting may occur. 90mm is Stable by dimension.
- Deck-Max is the only company in the world that provides to you End Matched decking – ask for more information....
  - All Deck-Max timber is grooved both sides and grooved both ends
  - You do not have to cut and join on a joist with this end match decking
- Fast Fixing up to 30% faster to install
- End Match decking is up to 60% less waste
- Hardwood Versus Composite?
  - This is the hottest topic in the industry today, Deck-Max is the only company that will provide technical, and design advise on both along with product for your project in both materials to assist in your decision.
  - We offer Zhu Composite in a variety of colours and textures with a 25 year manufacturers warranty.
- Coatings for hardwood
  - This is a hot topic as well and after many years of understanding that the market has many choices and opinions.
  - We here at Deck-Max will always revert to best practice for coatings and cleaning of the natural hardwood.
  - Please ask us for the best practice and longevity.



*Note: Decks close to the ground or over concrete - You should consider all of our options to see what is best suited for the environment that you are installing the decking.*

# Deck-Max Architectural

The Market Leaders in Decking

“are you confused by others? .. Ask an Expert”



- Australian owned company who manufactures here in Australia from selected logs to finished product.
- Deck-Max is the expert in decking with over 60 years combined industry knowledge. We provide technical support to industry associations.
- Has a patent protected profile to provide you with the strongest fixing in the world.
- 6 times stronger than nails / screws
- What is End Matching?
- It provides a groove in the end of the board so you can join between joists with a deflective strength in excess 500kg.
- Eliminated nails and screws from the surface of your deck.
- Legally sourced timber - Certified legal wood with Chain of Custody as an environmentally aware company. (Note: Deck-Max will only supply legal timber.)



- Timber is kiln dried to the perfect moisture content to be sure the decking will not cup and twist and minimises the tannins / resins in the timber.
- Important Note: we take our timber to Core moisture and not just surface moisture this takes a lot longer to produce however it ensures the quality & stability of the wood. We are the only company that manufactures its decking from log to finished product.
- The difference from Deck-Max to others is we control all facets of the process to ensure the highest quality material is produced from ONLY LEGAL WOOD sources.
- Legal wood preserves the resource for future generations.



“The Market Leaders in Decking”



# Deck-Max Architectural

The Market Leaders in Decking

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## Deck-Max Hardwood Decking

### Overview

- Timber offers a warm and natural beauty.
- Deck-Max is a manufacturer of timber - structured as a vertically integrated business (from Log to finished product).
- The only decking supplier that manufactures this highly quality decking as Select grade.
- Pre grooved for secret fixing.
- All decking is end matched.
- Deck-Max produces many Aussie Hardwoods and Merbau.
- The only timber decking company that offers a 5 year satisfaction guarantee.
- The only company that offers Life Time warranty on the fixing clips.

### Pros:

- Deck-Max hardwood is very carefully processed to ensure maximum performance and stability.
- Deck-Max decking (Patent Protected) is the only company in the market that end matches the decking this allows you to join between joists saving up to 70% in waste.
- Very fast to install (you do not have to measure and cut every piece of decking).
- 50% less fixings
- Decking will not crack and split as it has no nails & screws.
- Hardwood can be refurbished at any time especially with no nails or screws on the surface.
- Clips are warranted for Life.
- No butt joint gap is required.
- Life span is generally 40 + years.
- Nothing replaces the colour or feel of natural timber.
- With secret fixings the reality of maintenance is 1 to 2 hours every year.
- Perfectly suited for the rigours of the Australian climate

### Cons:

- Will be a little more expensive than composite.
- When exposed to the elements you will require re coating every 12 to 18 months.



“The Market Leaders in Decking”



	Iron Bark	Merbau
Data		
Grade of Timber	Select	Select
Legal Wood	100%	100%
Chain of Custody	Yes	Yes
Stability	High	Highest
Fire Rating	Bal 29	Bal 29
Life Span	more than 40 years	more than 40 years
Termite Resistance	resistant	resistant
Drying Process	Air & Kiln	Air & Kiln
Kiln Dried	Yes to core moisture level	Yes to core moisture level
Skip Dressed	Yes	Yes
Dimensions	90mm x 19mm	135mm x 19mm
Lengths	Random 1.2m > 4.2m	Set lengths 2.4m / 2.7m 3m mixed packs
Colour Description	light to dark red	light to dark red
Profiled Both Sides	Yes	Yes
End Matched	Yes	Yes
Waste Allowance	5%	5%
Class of Timber	class 1	class 2
Hardness of Timber	11.9	8.5
Warranty on Clips	lifetime	lifetime

Deck-Max help centre is here to offer free advise for best please see web site for updates, Installation information and

# Data Sheet

Timber Species		
Spotted Gum	Forest Light	Forest Reds
Select	Select	Select
100%	100%	100%
Yes	Yes	Yes
High	High	High
Bal 29	Bal 19	Bal 29
more than 40 years	15 to 40 years	more than 40 years
resistant	resistant	resistant
Air & Kiln	Air & Kiln	Air & Kiln
Yes to core moisture level	Yes to core moisture level	Yes to core moisture level
Yes	Yes	Yes
90mm x 19mm	90mm x 19mm	90mm x 19mm
Random 1.2m > 4.2m	Random 1.2m > 4.2m	Random 1.2m > 4.2m
brown chocolate to streaky	white yellow pale straw	light to dark red
Yes	Yes	Yes
Yes	Yes	Yes
5%	5%	5%
class 1	class 1	class 1
10.1	8.6	9.6
lifetime	lifetime	lifetime

choice on your investment. For more information technical information. © 2018 Deck-Max. All rights reserved.

# Deck-Max Architectural

The Market Leaders in Decking

“are you confused by others? .. Ask an Expert”



**ZHU composite is:**

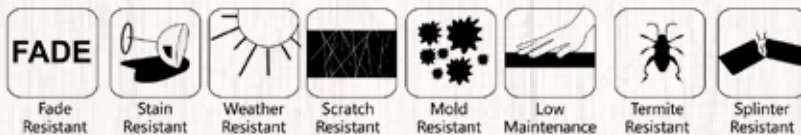
**Fully Protected on all sides - Double Capped - wraps over all sides included in the groove.**

- Secret Fixings - no nails or screws in the surface
- Solid core construction - Very strong
- Dual Texture (wood grain and contemporary) in the surface of the decking boards.

**Material Construction:**

**Core** - Solid core (middle of the board) uses hardwood fibres for greater strength and durability. The core is made from 90% recycled Material. Hardwood fibre H.D.P.E.

**Shield** - The Shield (capping of the outside of the board) is a patented formula of H.D.P.E. provides colour paten and deep wood texture creating the warm and beautiful look of wood.



**What is the difference from ZHU to other composite decking:**

- As They Say "composites are not composites"
- Zhu supplies High Quality at affordable prices
- Zhu is double capped where many others are not capped with HDPE
- Other composites expands a lot in the length (*called Tangental expansion*)
- Read the warranties and disclaimers to see what others do not cover in the warranty
- Ask them how long they have been in business



“The Market Leaders in Decking”



# Deck-Max Architectural

The Market Leaders in Decking

“are you confused by others? .. Ask an Expert”



## Capped Composite Decking

### Overview

- Composite Decking contains recycled plastics and hardwood material (up to 90%) along with UV inhibitors for colour stability, colour additives and Biocides.
- Zhu Composites are co-extruded, the board has a durable composite SOLID core construction bonding the capping to the core material resisting decay, fading and staining.
- 25 year domestic warranty.

### Pros:

- New generation technology has created the visual look and feel of natural wood.
- Available in the latest colour tones.
- Perfect when deck is close to ground
- Never needs sanding or re sealing.
- Average life span is 25 + years.
- Will not crack, splinter, warp or suffer from insect infestation.
- Installed with secret fixings avoiding the surface fix with nails or screws.
- Simply clean with soft detergent.
- Anti fungal material.
- Costs are similar to hardwood.
- Slip rating of R10 (meets commercial standards).
- 25 year manufacturers warranty.

### Cons:

- Colour tones can never duplicate natural timber.
- Joist centres are closer than hardwood - 350mm >> 400mm.
- Gaps are required between butt joints to allow for tangential expansion. (see the image to the right)
- Will fade a little over the 20 year life of the deck when fully exposed to the weather.
- The information in the market place is very confusing and our task is to explain the facts.

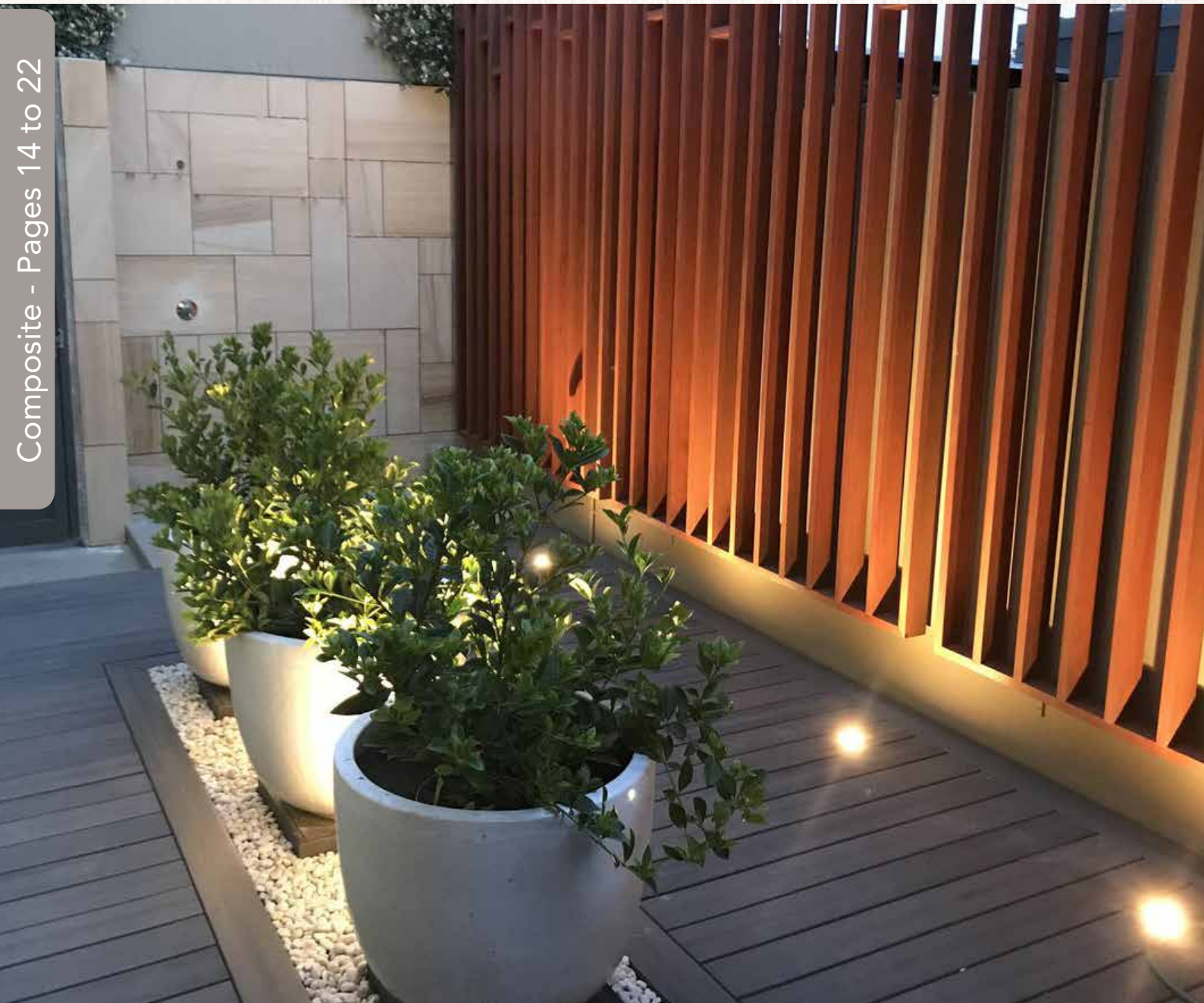
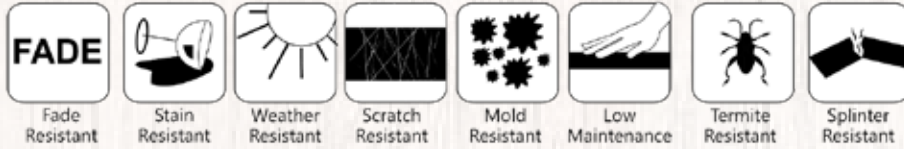


“The Market Leaders in Decking”



# Composite Decking and Screens

## Secret Fixings



Composite - Pages 14 to 22



Composite decking was introduced to the Deck-Max product range many years ago understanding the market needs and we are now the only company specialising in both hardwood and composite and bamboo.

## What to ask Deck-Max before you start...

Is your composite decking double capped

Have you researched your project

Do you have your council approvals

Can Deck-Max help in the design

Has your contractor installed composite before

Do you have references from your builders previous customers



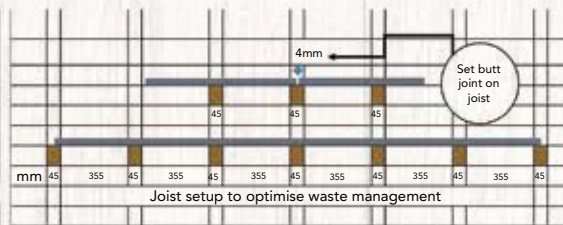
**Starter Clip** - set along the joists then set your first board to it.



**Clip and screw** for fixing boards to sub frame - sets a 6mm gap.

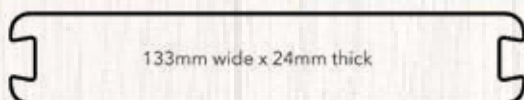


**Gap setting tool** - 3mm / 4mm / 5mm / 6mm



### Tips for installation:

- Set Joists @maximum 400mm centres
- Minimum joist width 45mm
- See Joist and board layout
- Allow 15mm to 20mm when boards are fixed within a wall to wall situation
- Set minimum gap between the ends of 4mm, use the setting tool.
- Fix clip and screw at every point that the board intersects with joist sub frame.
- Do not over fix the screw into the clip
- When using the starter clip be sure to set straight line as this is the first board and is your straight edge to pull to.
- Use the Deck-Max Decking clamps during the assembly of the boards. Cut board just like timber standard tools used.



Resort Development projects are our global customers



Gold Coast Australia



ZHU is perfect for spa surround and pool side decks



# MAHOGANY

- o Warm dark tones for that special feature area – truly stunning colour to make a statement.

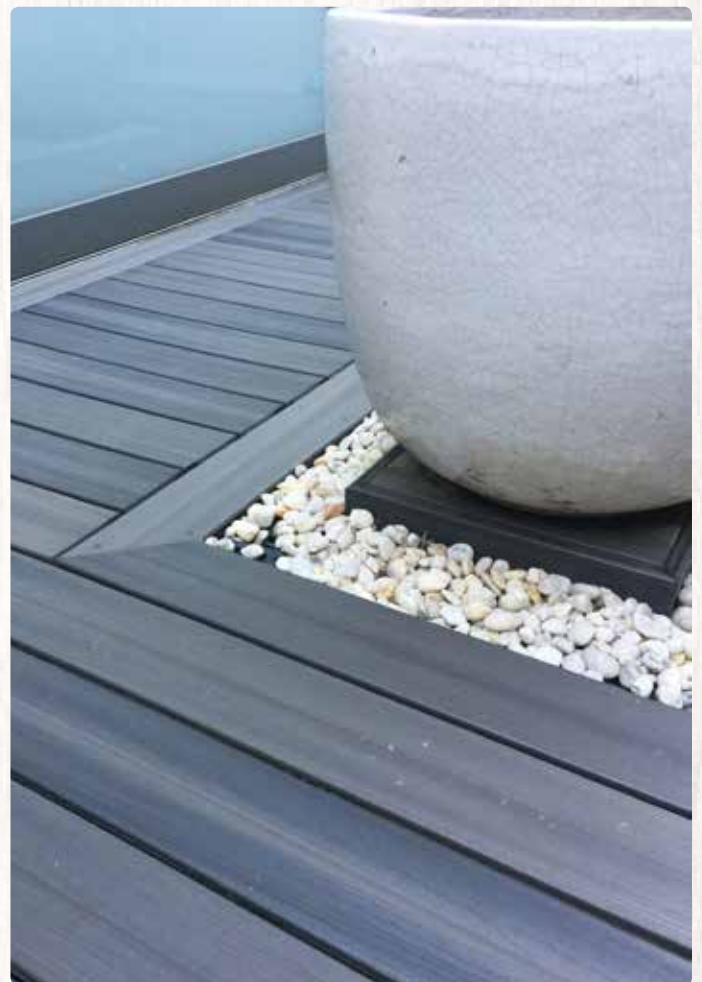


# Decking Choices

## Silver Grey

The most popular contemporary look in homes today

- o Silver grey is the contemporary look for those who are after that colour tone that works with many colours. Can be used with Older Homes and the very modern.



# Silver Grey

the perfect tones for that unique feel and colour



Before



During



After





## Teak

The world has demanded Teak over the centuries for its durability and colour of timber

- o Teak is often referred to as Ipe as a colour that matches the famous hardwood from South America.
- o Teak will provide the soft warm tones for your outdoor lifestyle. Matches to your lighter colours for internal floors and Fresh colours of your outdoor area.
- o Matches with all the blonde timbers like tallowwood and Blackbutt.



# Bamboo

by

**Deck + Max**<sup>TM</sup>  
The secret fixing solution for decking  
[www.deck-max.com.au](http://www.deck-max.com.au)

# Bamboo with Secret Fixings

*Fused Bamboo® for Exterior Use*  
by **Deck-Max™**

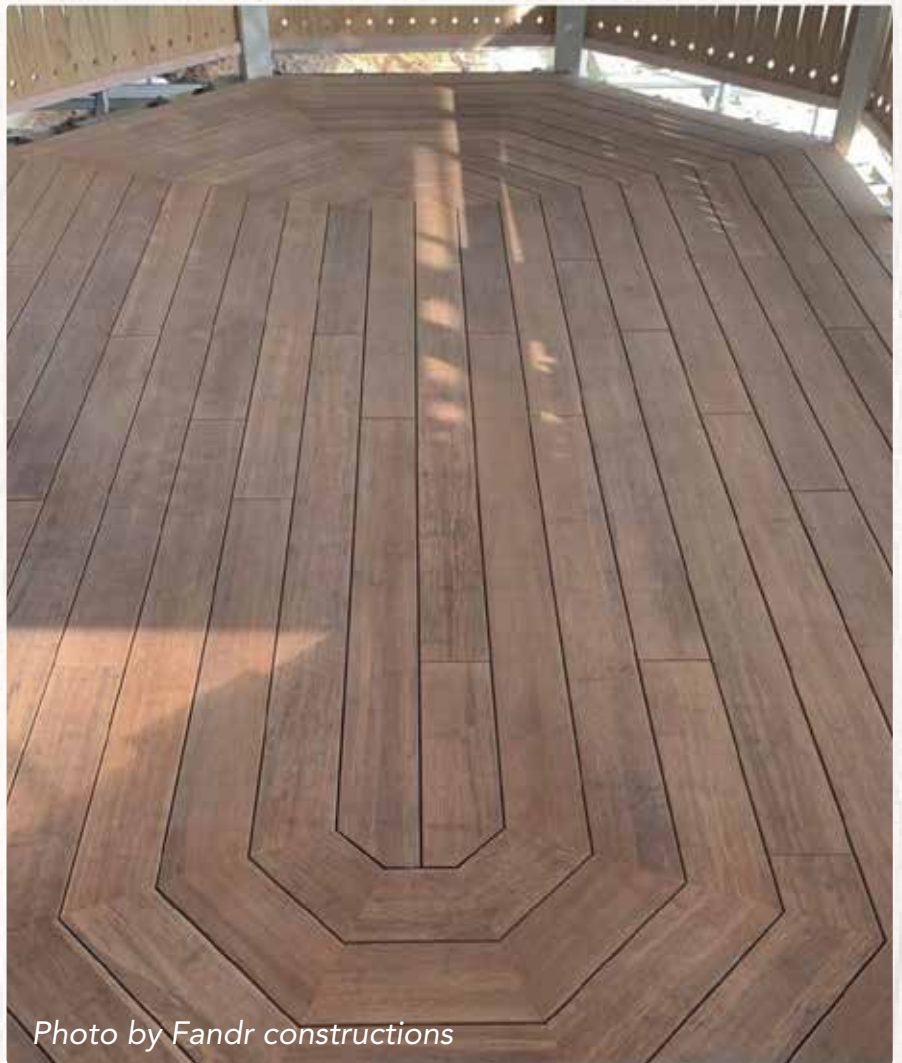
**Decking**

**Wall Cladding**

**Secret Fixings**

**Low Maintenance**

- Incredible Durability
- Natural Colour
- Bal 29 Fire Rating
- No Tannins No Stain



*Photo by Fandr constructions*

**World Greatest Natural Renewable Resource**



Data	Bamboo XTR	Bamboo Epic	Cladding	Soffit	Flooring	Lumber
	Decking	Decking	XTR & Epic	XTR & Epic	XTR & Epic	Solid Sections
Fire Rating	Bal 29	Bal 29	Bal 29	Bal 29	Bal 29	Bal 29
Warranty	25 years Commercial	25 years Commercial	25 years Commercial	25 years Commercial	25 years Commercial	25 years Commercial
Dimensions	137mm W x 20mm Thick	137mm W x 20mm Thick	137mm W x 20mm Thick	100mm W x 13mm Thick	96mm W x 18mm Thick	Widths - 65 / 100 / 205 / 290 Thickness 30mm & 40mm
Lengths	Set lengths 1850mm	Set lengths 1850mm	Set lengths 1850mm	Set lengths 1850mm	Set lengths 1850mm	Set lengths 1850mm
Colour Description	Mahaogoany / Dark Brown	Light tan / natural cane	Both Colours	Both Colours	Both Colours	Both Colours
Profiles	Yes Single sided and double sided	Yes Single sided and double sided	Yes Single sided and double sided	Yes Single sided and double sided	Yes Single sided and double sided	
Gap Setting	3.5mm	3.5mm				
End Matched	YES - Tongue & Groove	YES - Tongue & Groove	YES - Tongue & Groove	YES - Tongue & Groove	YES - Tongue & Groove	
Gap setting	NIL	NIL	NIL	NIL	NIL	
Waste allowance	5%	5%	5%	5%	5%	
Surface cheking	Same as Hardwood	Same as Hardwood	Same as Hardwood	Same as Hardwood	Same as Hardwood	Same as Hardwood
End Grain checking	Same as Hardwood	Same as Hardwood	Same as Hardwood	Same as Hardwood	Same as Hardwood	Same as Hardwood
Maintenance	See Maintenance Program	See Maintenance Program	See Maintenance Program	See Maintenance Program	See Maintenance Program	See Maintenance Program
Class of material	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1
Hardness of material	16 /3820lbf	16 /3820lbf	16 /3820lbf	16 /3820lbf	16 /3820lbf	16 /3820lbf
Anti Gungal	YES	YES	YES	YES	YES	YES
Anti Termite	YES	YES	YES	YES	YES	YES
Manufacturers Warranty - Structural & Delamination - see Warranty Document						

**Notes:**

This data take precedence over all other data	Or Raw Standard stock - Un coated
Oil to be used is Woca Only	Some material are only on pre order
All decking is standard stock lines	Pre orders - allow approx 12 weeks.



## Introduction

DassoXTR is a solid, high density bamboo board, made from compressed bamboo strips, it is suitable for outdoor applications, especially as decking. Dasso uses a special, patented heat treatment process to alter the hardness, dimensional stability and durability to a level superior to the best tropical hardwood species. As for the surface view, the special symmetrical shape of the faces it offers possibility to select with smooth face or grooved face. Either way the fixing clip suits both options. Like any untreated tropical hardwood, when exposed to the outdoor elements, DassoXTR will turn grey over time creating a very natural look.

# The Worlds Greenest Material

Bamboo - Pages 23 to 32

## Bamboo Decking

Deck-Max are the market leaders in innovation, quality and service. This bamboo product has been proven in over 30 countries installing over 60 million sq.m. of the material around the world from domestic back yards to Major commercial projects. DassoXTR products used worldwide by these companies and many more.



# Gradation of graying of dassoxtr over time

- DassoXTR can be left to silver off in colour to wash away dirt away simply use a reviver to clean off dirt and grime.
- Depending on the exposure to UV the time to grey off varies.
- Very easy to refurbish > Clean and > re oil to bring that original colour.
- The surface will weather like hardwood overtime and slightly more texture - can be sanded to refurbish as well.



New

After 3 months

After 3 years



*Important Note: Fading colour depends on the exposure of the sun varies from silver grey to tan.*



*Important Note: Always follow the maintenance program - seek our advise at any time.*

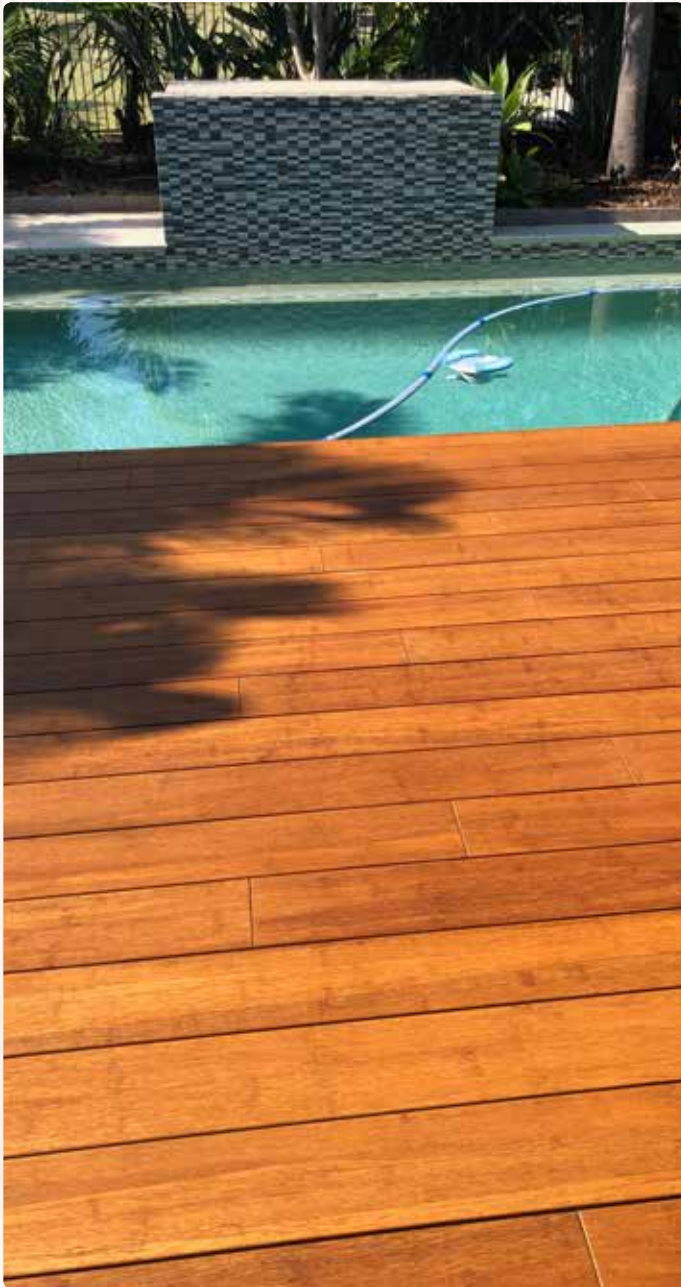


*Important Note: Bamboo is a natural material and is a GRASS - as a natural material it will have similar characteristics as wood.*



*Important Note: Depending on the exposure the decking will silver off like the image on page 24 (top right).*





Spotted Gum - Epic



XTR Mahogany

## Appearance and Colour

- DassoXTR is a natural product, which can vary in colour, grain and appearance. Colour will change over time depending on the maintenance schedule. The boards have a brown to dark brown colour when installed, which turns into a lighter colour several weeks after installation. Without further maintenance the colour gets greyish relatively fast (similar to most other wood species). If a brown colour is preferred, maintenance should be done with our recommended coatings.



Important Note: You must follow the coating instructions from the manufacturer.



Bamboo - Pages 23 to 32

# The Beach House Look

- Secret Fixing System
- End Matched - do not have join on joists material remains perfectly stable
- Low Maintenance if you choose
- Easy to refurbish - Clean > Oil (can be sanded to return to perfect smooth surface - recommended with 80/120 grit)

# External Cladding



# Bamboo Decking on the Ocean Front



Bamboo - Pages 23 to 32

- Keeps perfect dimensional shape
- Does not leach tannins to stain other surfaces
- Does not cup or twist
- Simply wash with soapy water
- This material is twice as hard as merbau (janka)





# Deck-Max

Head Office: 29 Saltwater Circuit,  
Narangba QLD 4504 Australia

✉ info@deckmax.com.au

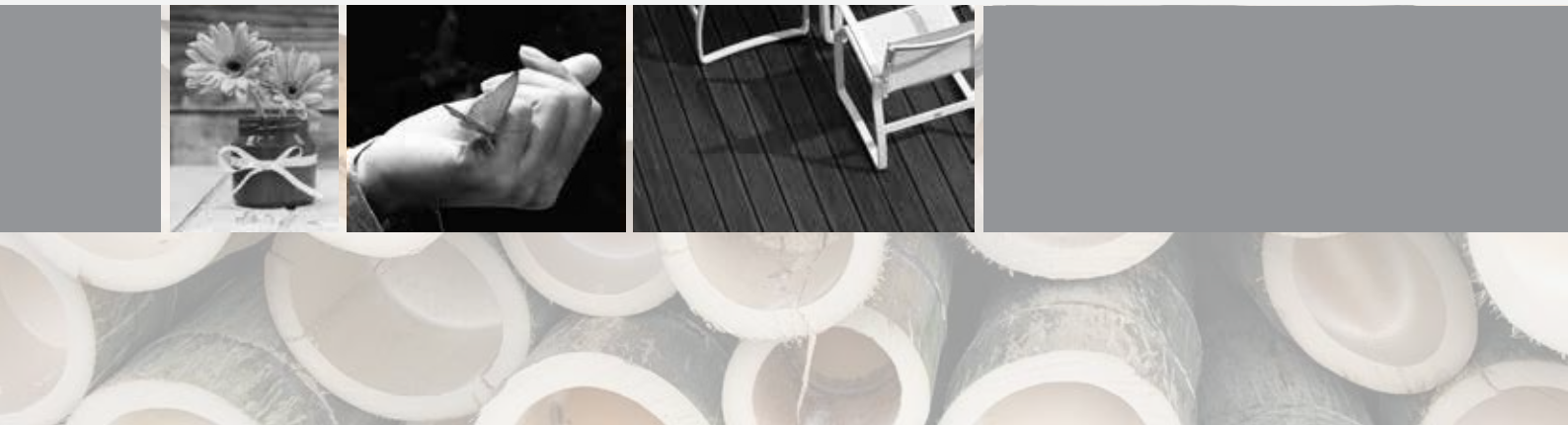
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DassoXTR products used worldwide by these companies and many more.

