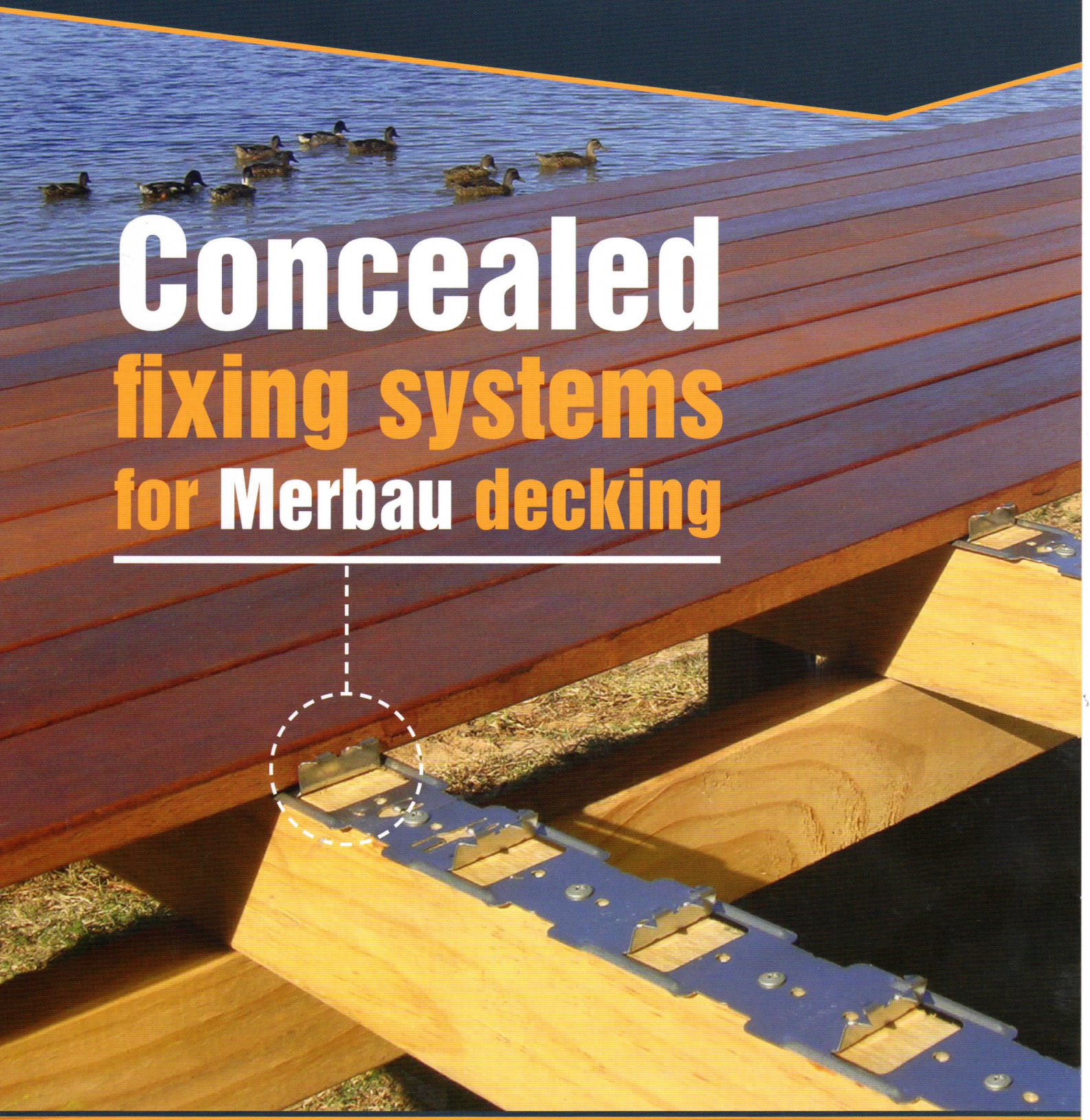
KLEVAKLIP™



Concealed
fixing systems
for Merbau decking

Detailed fixing instructions, plus installation video are available on our web site **www.klevaklip.com.au** or phone **1300 364 362**

Benefits of using **KLEVAKLIP** concealed fixing system.

- Aesthetic appeal of a nail-free deck
- Quick and easy to use
- Boards can be used "off the shelf"
- No top-fixing – boards can be re-sanded
- Rapid laying of clips
- Stops nail heads rising above the deck surface
- Provides consistent spacing between boards

What type of timber does the merbau clip fit?

The Merbau clip has specifically been designed to suit 90mm kiln dried Merbau/Kwila. It is not suited to other types of hardwood timber that may have different shrinkage rates and hardness properties.

How critical is it that the merbau is exactly 90mm?

The closer to exactly 90mm, the better the system will work. If your boards are below 89mm, or above 91mm, this system will be unsuitable for your merbau.

Is the KlevaKlip system quick and easy?

Yes, whilst it generally takes a first-timer a little while to get up to speed, most proficient users can comfortably save about 35% of labour time when compared to pre-drilling and screwing a deck. The key to the system is the initial set-up.

Does the KlevaKlip system suit non-square/ rectangular decks?

The system is best suited to square/rectangular decks. Whilst it has been used on decks with curved or mitred joins, this is not recommended.

Does the system handle bowed/bent boards?

The system will handle bows/bends of up to approx 10mm for every 2.5m – see our website video for how to do this. Severely bowed boards are not suitable for use with this system.

Is KlevaKlip suitable for use with steel joists?

Yes, **KlevaKlip** is suitable for use with either timber or steel substructures. KlevaKlip is the product of choice for use with Bluescope Lysaght joists.

Can I replace a board in the future?

Yes, see our website video on how to do this.

Common causes of decking deterioration.

The major cause of rotting boards in decks comes from moisture ingress – commencing at the point of penetration into the top of your decking board. Moisture finds its way into the decking board from this point of penetration – running down the fixing into the board, then eventually continuing on into the joist below. Therefore, not only does your decking board deteriorate, but your joist structure underneath also suffers.

The no-win situation.

If you nail your deck down and punch the nails under the surface, you are providing the perfect point for moisture ingress. Leave the nails heads level with the surface, and they tend to work their way out a little and provide a perfect point to stub your toe!

Screws are effective, but did you know that an average 26 square metre deck requires approximately 1,200 holes to be drilled, countersunk, and screwed – and you still run the risk that you split your board if you screw too close to the ends.

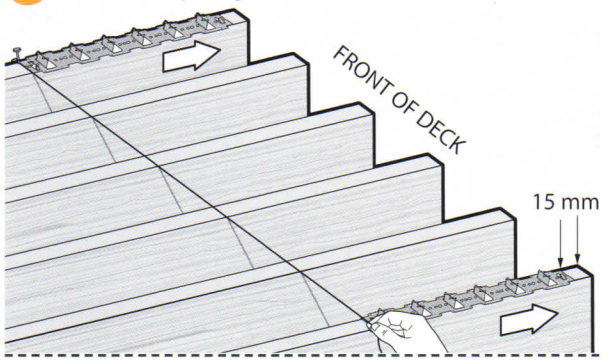
The **KlevaKlip** principle.

KlevaKlips are screwed to the top of the joists, however a layer of adhesive, and then the decking board, covers the screw. Therefore your joist is protected. The decking boards are secured into the sides of the boards, with penetration going only about 5mm into the board. Therefore moisture ingress from rain etc is far less likely. Being a continuous clip, each board helps lock the previous board into place.

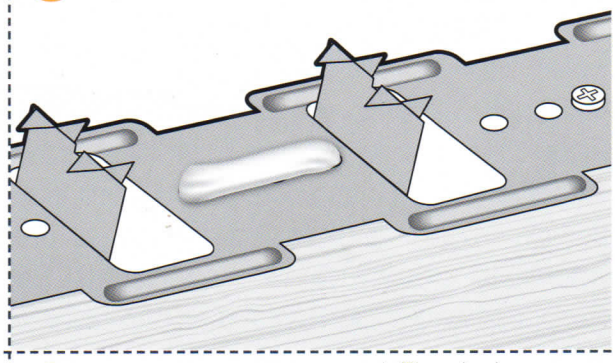
KlevaKlip not only looks great, but is highly beneficial to your deck's long term wellbeing.

Installation the **KLEVAKLIP** way.

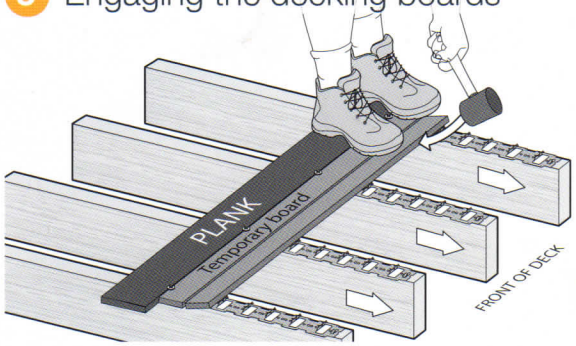
1 KlevaKlip lay-out



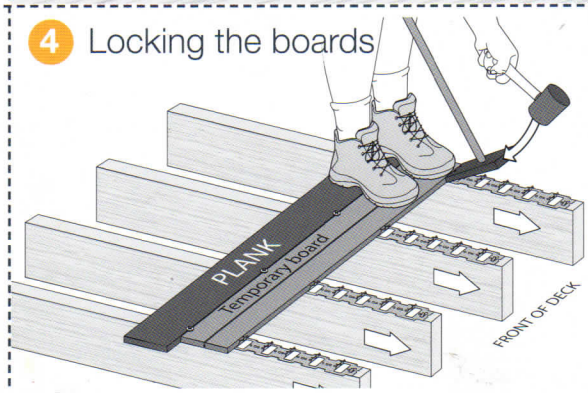
2 Apply construction adhesive



3 Engaging the decking boards



4 Locking the boards



Clip Coverage

Each box of KlevaKlips contains 40 clips and covers 9 – 10 square metres of decking (joist centres at 450mm). Note - Fixing tool and finishing clips come with every box of clips.

Approved adhesives

Use any exterior-approved construction adhesive recommended for use with timber and metal. Preferred adhesives are *Fullers Toolbox* and *Selleys 3 in 1*.

Product Specifications

Code	Material type	Clip type	Box items	Size	Boards held	Suitability for
MT90G	Galvanised steel	Top fix	40	555 x 60mm	6	90mm DNA kiln-dried merbau
MT90S	Stainless steel	Top fix	40	555 x 60mm	6	90mm DNA kiln-dried merbau

We are soon to release a clip suitable for use with 140mm merbau. See our website for details.

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www.klevaklip.com.au

DNA LUMBER®