

Decking – Secret Fix Clip System

For a modern clean look, NewTechWood has designed a secret fix system where the clips are hidden in the gaps between the boards.

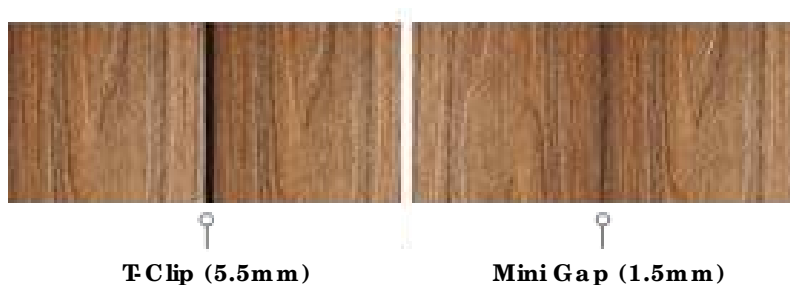
The clip slides into the grooved edge of the board and is screwed into the joist.

NewTechWood Australia provides the choice of two (2) different gap spacings between the boards:

- ✓ **5.5mm** or
- ✓ **Mini-Gap 1.5mm** spacing



Note: The finishing boards (US07 and US06) require top fixing with composite screws, while grooved boards are fixed with the hidden clip system.



The Cobra TClip system provides a uniform 5.5mm gap between boards, which is the standard for most decks in Australia.

The Mini-Gap Clip system (MG1 & MG2) with only a 1.5mm gap is perfect for commercial installations where public safety may be an issue.

The smaller gap protects against high heels becoming lodged in the gap, and also prevents leaves or tree nuts from getting stuck between the boards.

NewTechWood Fixings and Accessories

CODE	PRODUCT	SPECIFICATIONS	SUITS BOARDS	FIX	CLIPS P/M ²		
					TERRACE	COASTAL	METRO
Cobra T-Clip		Decking Locking Clip & Screw – Stainless Steel Gap: 5.5mm	UH02, US49, US54	Timber Or Metal Fix	17	14	21
MG-1A		Decking Mini Gap Clip & Screw – Stainless Steel Gap: 1.5mm	UH02, US49, US54	Timber Or Metal Fix	19	15	22
MG-2A		Decking Mini Gap Locking Clip & Screw – Stainless Steel Gap: 1.5mm	UH02, US49, US54	Timber Or Metal Fix	n/a	n/a	n/a
K-37		Starter/End Clip		Timber Or Metal Fix	n/a	n/a	n/a
CS		Colour Head Stainless Steel Fascia Screws 8 gauge x 50mm Self-drilling screws (304 stainless)	US06, US07, US36,	Timber Fix	n/a	n/a	n/a
CSM		Colour Head Stainless Steel Fascia Screws 10 gauge x 60mm Self-drilling Screws (Carbon steel)	US06, US07, US36	Metal Fix	n/a	n/a	n/a
CDS		Deckhedz Coloured Head Stainless Steel 10 gauge x 65mm (304 stainless)	US07	Timber Fix	n/a	n/a	n/a
EC-		End Caps	UH02, UH17, UH25		n/a	n/a	n/a

Coloured Head Screws

When installing fascia boards or non-grooved edge, square edge boards for picture framing, those boards need to be top-fixed rather than using the hidden fixing system.

- ✓ Stainless steel grade: 304 (CDS and CS) or Carbon Steel (CSM)
- ✓ Specially designed for conventional and capped composite boards
- ✓ Best for invisible and neat finishes on fascia boards, screening, stair treads & square edge boards





CDS colour head Deck screws
10 gauge x 65mm
Timber Fix only
Packs of 100 or 400



CS* & CSM colour head screws
8 gauge x 50mm (CS) (Timber fix)
10 gauge x 60mm (CSM) (Metal Fix)
Packs of 100 (CS and CSM)
Packs of 250 - CSM

*suitable for thinner boards, e.g. fascia, screening

Note:

- ✔ When top-fixing screws ensure you pre-drill the hole slightly larger than the screw.
- ✔ Please note: Our Metal Fix screws are suitable for steel joists of up to 2mm in thickness.
- ✔ Installation must be as per our Installation Guidelines in order to not void the Warranty.

Top-fixing NewTechWood decking boards

NewTechWood composite deck boards are designed to be installed with the NewTechWood hidden fix system (which allows the boards to expand and contract without issue), however, some consumers have a preference for “top-fixed” decking purely for aesthetic reasons.

NewTechWood does not recommend face-fixing the complete deck as the deck boards may not perform as designed, and under no circumstance are the Metro hollow deck boards to be face fixed, as this voids the manufacturer’s warranty.

Our warranty will be void if the deck is not installed in accordance with the NewTechWood Decking Installation Guidelines.

What is the risk of top-fixing? The boards may split, buckle and warp, or the cap layer may “mushroom” up if there is insufficient allowance made for expansion / contraction.

For those consumers and installers who wish to top fix, regardless, the best advice is:

- ✓ When top-fixing screws, they must pre-drill and counter-sink the hole slightly larger than the screw to allow the boards room for expansion and contraction.

You may ask why we allow for top fixing of square edged boards for picture framing, breakerboards, and fascia...

In those circumstances, we issue the same advice regarding pre-drill and counter-sinking the screws. (And replacing 1-2 picture frame boards if they split or mushroom, is a lot less of a liability than replacing a whole deck which has been screwed down.)

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