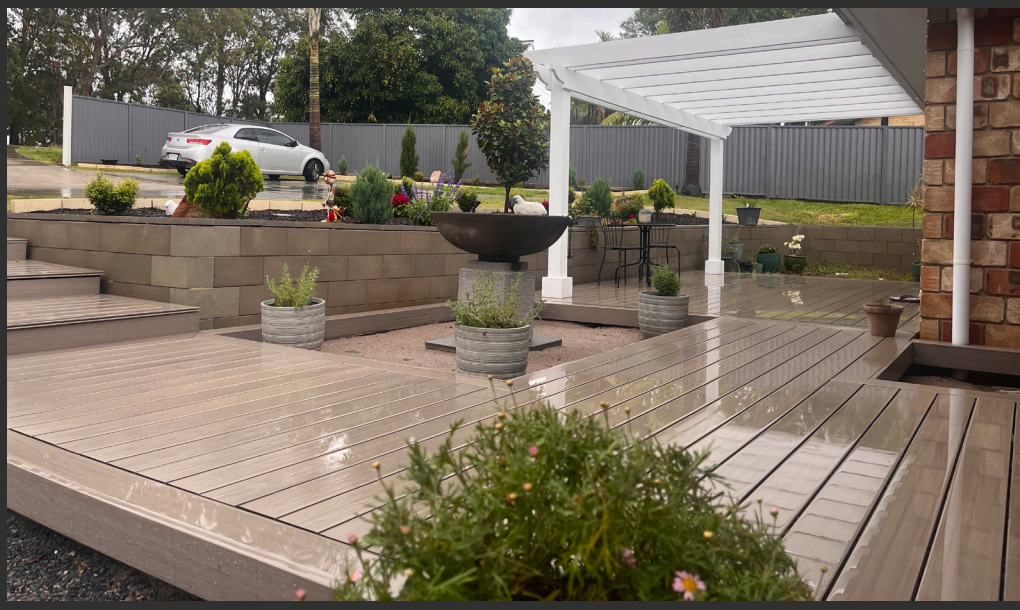
UBT COMPOSITE DECKING

Installation Guide

UBT

COMPOSITE DECKING



AVAILABLE TO BUY AT

THE BUNKER

THE UPTON GROUP

uptons

Why UBT Composite decking:

- Low maintenance
- DIY friendly to install
- UV resistant
- Waterproof and Resistance to Mould
- Recycled & recyclable
- Termite & pest proof
- Comprehensive Warranty

Material

External Capping:

- High Density Polyethylene Shell

Internal Core:

- Reclaimed Wood Fibre
- HDPE

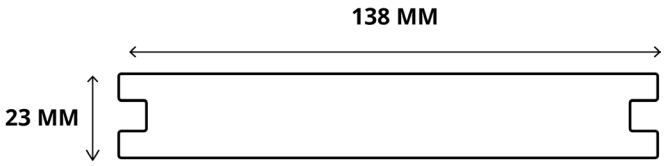
Warranty

- 10 Year limited Warranty

Quick Quote:

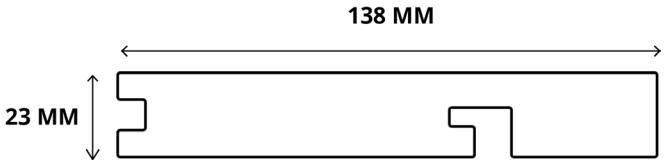
	QTY	PRICE
DECKING BOARDS		
CAPPING BOARDS		
FASCIA BOARDS		
CLIP KITS		
TOTAL		

Decking Board Profile: 5.4m length



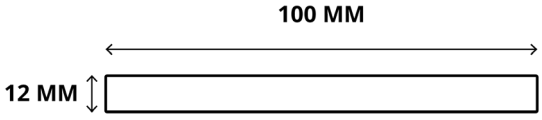
DOUBLE SIDED COLOUR BOARDS

Capping Board Profile: 5.4m length



SINGLE COLOUR BOARDS

Fascia Board Profile: 5.4m length



SINGLE COLOUR BOARDS

Colour Options - Double sided boards

WHY UBT COMPOSITE DECKING?

LOW MAINTENANCE: our composite decking requires minimal maintenance compared to traditional timber decking. It doesn't need staining, sealing, or painting, and it is resistant to rot, decay, and insect damage. You'll only need to clean it occasionally with soap, water and a broom to keep it looking its best.

RESISTANT TO MOULD AND MILDEW: Composite decking is less susceptible to mould and mildew growth compared to timber, reducing the need for frequent cleaning and maintenance.

EASY INSTALLATION: UBT Composite decking can be installed with a choice of two easy systems. A single hidden clip system or the advanced ultra fast Kleva Klip System

APPEARANCE: our boards offer a versatile solution with double-sided colour options, catering to various style preferences. These boards feature a natural timber-like pattern on each side, delivering the aesthetic appeal of timber while avoiding timbers obvious disadvantage of ongoing maintenance.

LONGEVITY: Due to its durability and resistance to the elements, composite decking often lasts longer than traditional timber decking. This can result in cost savings over the long term with reduced maintenance

SAFETY: Composite decking is typically slip-resistant, which makes it a safer option, especially in wet conditions, and unlike timber, composite decking doesn't splinter.

ENVIRONMENTALLY FRIENDLY: Many composite decking products are made from recycled materials, such as reclaimed timber and recycled plastic. This reduces the demand for new timber and helps conserve natural resources. Additionally, composite decking doesn't require the use of harmful chemicals for maintenance, making it an eco-friendly choice.

BEFORE INSTALLING - PLEASE BE AWARE

Visit bunker.net.au to obtain the latest information regarding installation advice and video tutorials.

Before installing any decking, it is essential to check for any special requirements or restrictions according to local building codes. The diagrams and descriptions outlined in this guide are for illustrative purposes only and are not meant to replace the expertise of licensed professionals. Any recommendations or uses of UBT products must comply with all local building codes. The consumer assumes all risks and responsibilities associated with the construction and use of this product.

SAFETY: When handling any type of construction project, it is essential to wear appropriate safety gear as set out in the Building Code of Australia to avoid any risk of injury.

TOOLS: Standard woodworking tools can be used. It is recommended that all blades be carbide-tipped.

MATERIAL STORAGE: The correct installation of UBT products requires a clean, dry, level, and solid surface. All materials must be stored on a flat surface. Never place them on an uneven surface.

SUBSTRUCTURE: UBT products cannot be installed directly onto the ground. Decking must be installed on a framed substructure that allows for adequate and unobstructed airflow beneath the decking to prevent excessive water absorption. To ensure sufficient ventilation for all decking, there must be a minimum of 100 mm of continuous free area under the decking surface to allow air to flow between adjacent members, promoting drainage and drying. If installation occurs less than 100 mm above ground, the warranty of UBT decking is void. The surface under the decking area should have a 1-2% fall in the direction of drainage to ensure no pooling of water

INSTALLATION LOCATION AND REQUIREMENTS:

This product must be installed on a flat, level and solid sub structure.

JOIST SPACING: UBT Composite decking requires a joist spacing equal to or less than 450 mm.

EXPANSION AND CONTRACTION: Unlike timber all Composite decking will expand and contract in its length with temperature change - This movement needs to be understood by the installer and planned for in the installation process.
The greater the temperature variance the greater the expansion and contraction. For every 10° variance, UBT composite decking will expand or contract 2 mm across a 5400 mm length.

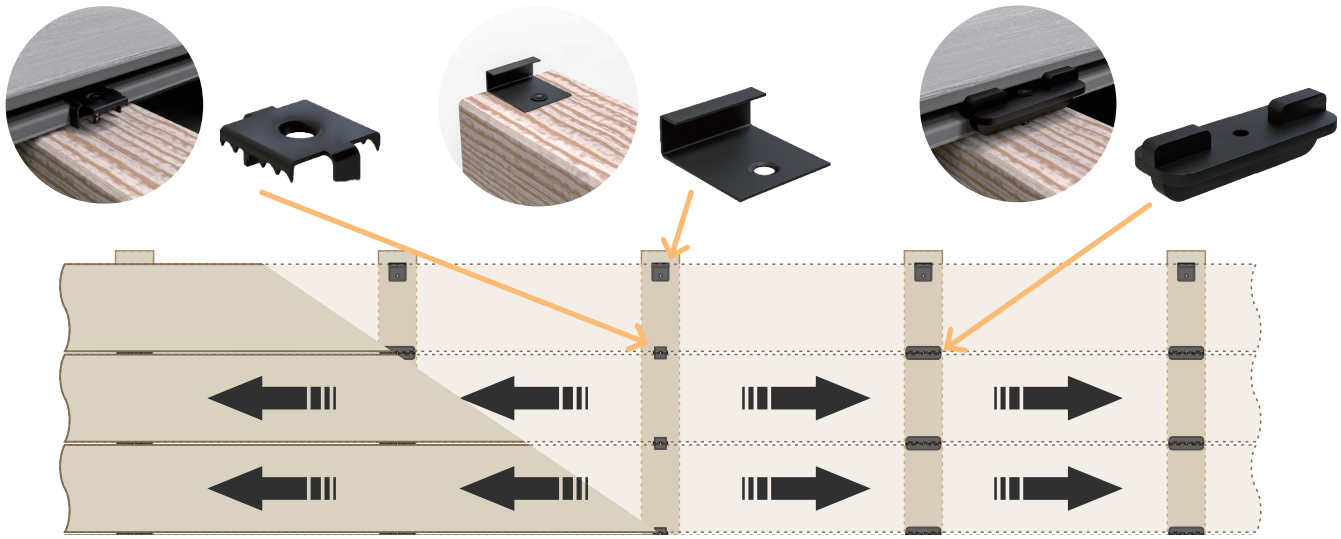
EXAMPLE:
In an extreme example of temperature variance of 60° the composite decking will expand 12 mm from the cold morning - when the decking will be at its coldest to the hot afternoon in direct sunlight.
The temperature variance must be considered in relation to the temperature of the decking board - which is usually hotter than the surrounding ambient temperature.

Applying the above rules in this extreme example - a 12 mm Gap must be used if installing the decking in the cold morning, allowing sufficient space for a full length of decking to expand against a solid structure (wall).

The use of Picture framing techniques to break up long spans and anti creep Locking Clips assist the installation process for large decking areas to facilitate and control the movement.

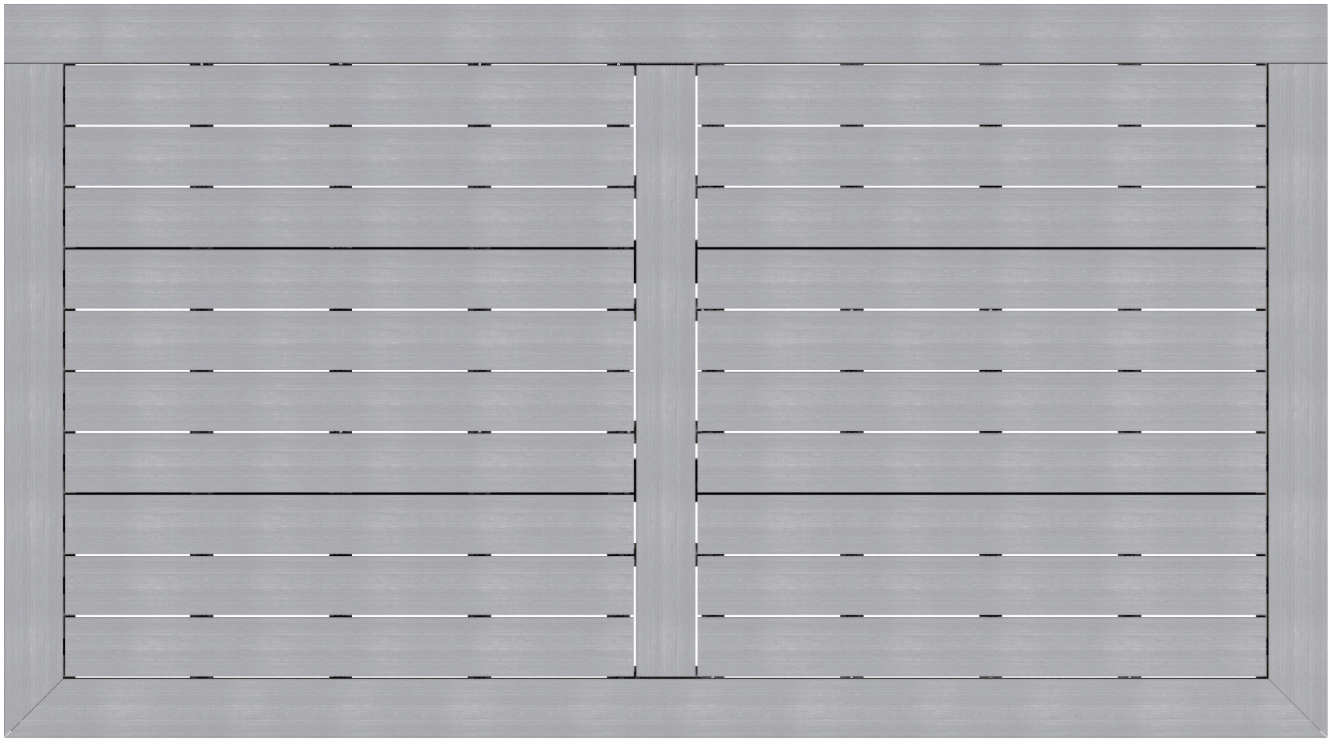
CLIP INSTALLATION:
When installing decking on the frame, it is necessary to secure the decking in the middle with a locking clip to allow for even expansion and contraction at both ends of the board.

The diagram below suggests the recommended installation method, where the locking clip should be positioned as centrally as possible on the middle support joist. This will ensure minimal lateral movement of the decking through the expansion and contraction process and ensure the board remains in its original position.

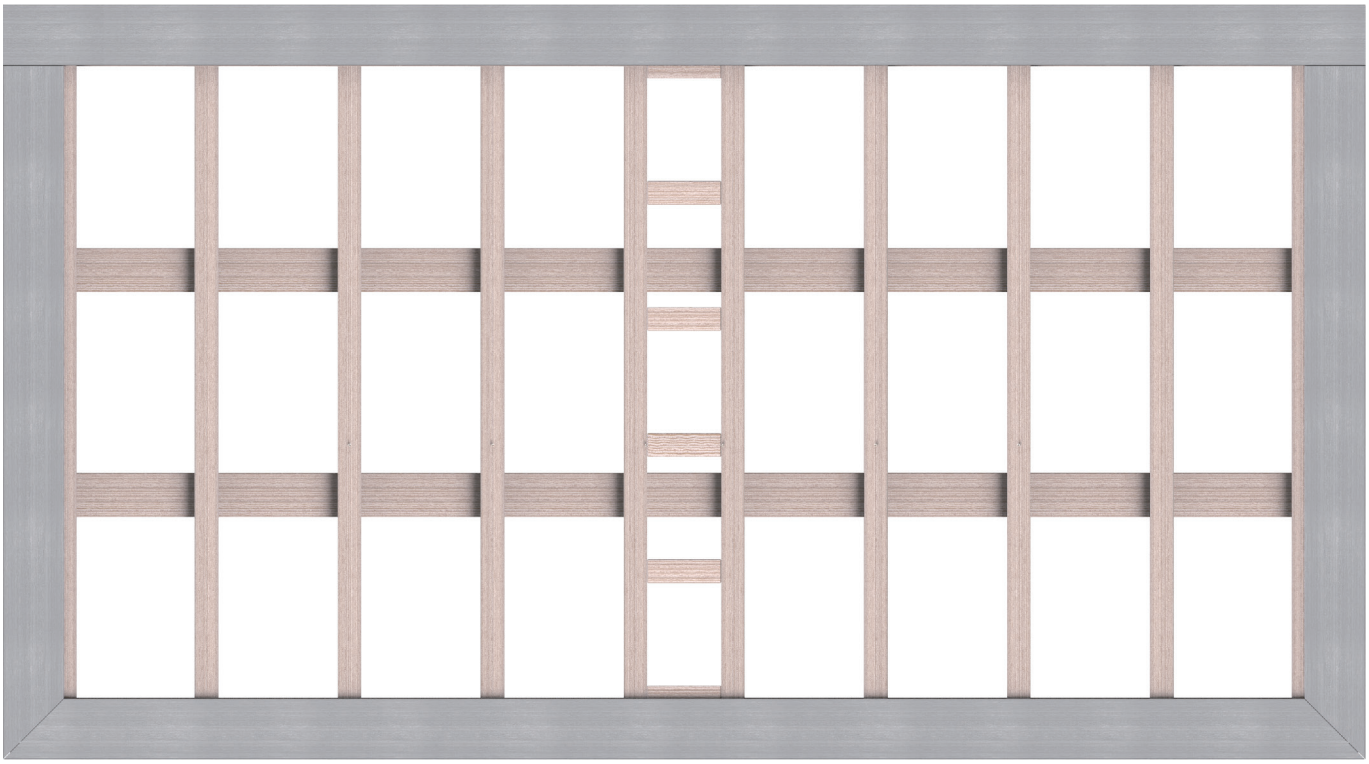


STARTING CLIPS	13 per board (1 on every joist) on the first run of decking only	+13 screws
LOCKING CLIP	1 per board in the centre of the decking board	+1 screw
SPACING CLIPS	13 per board (1 on every joist)	+13 screws

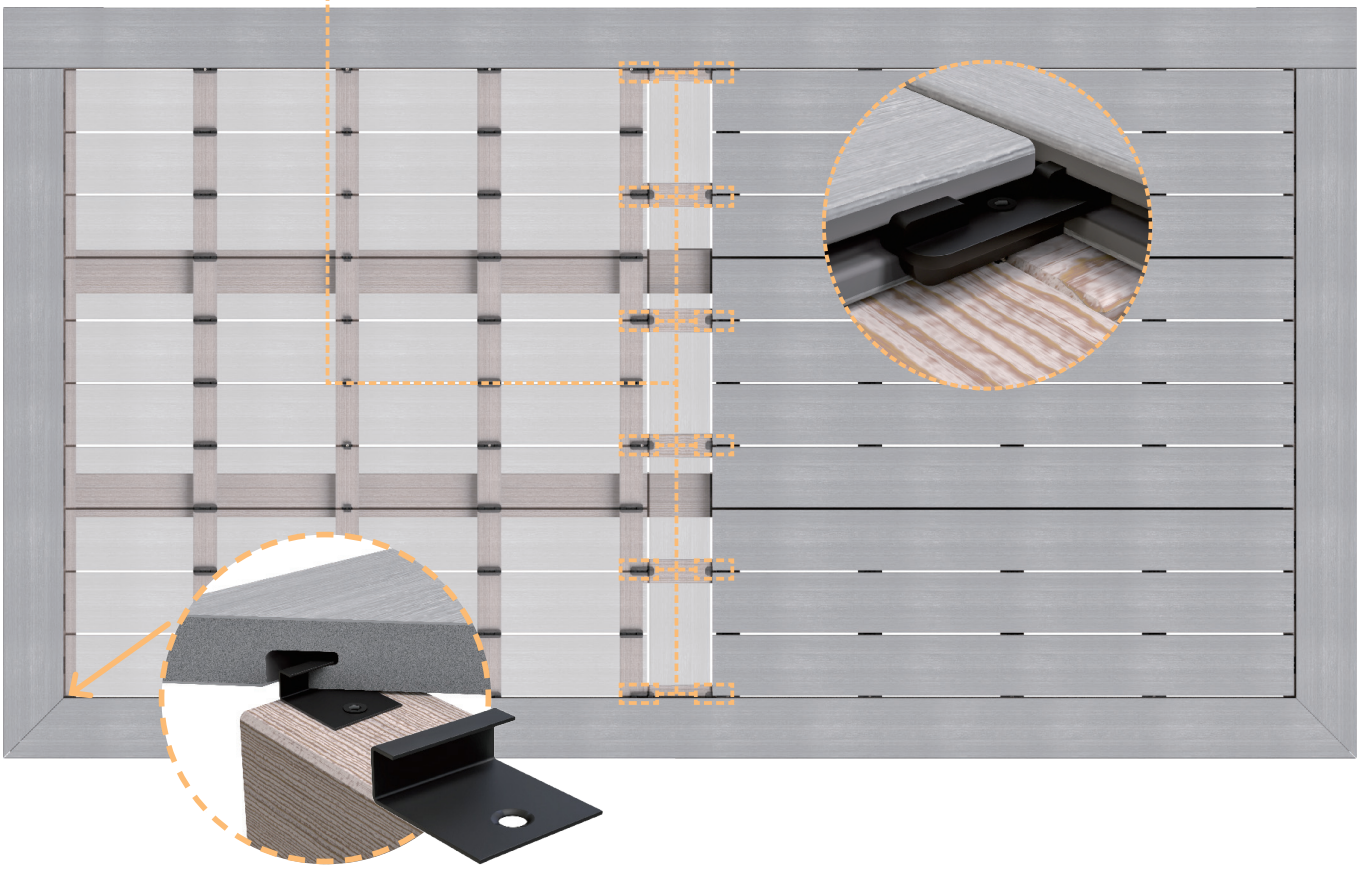
PICTURE FRAMING METHOD OF DECKING INSTALLATION



PICTURE FRAMING METHOD OF DECKING INSTALLATION - INSTALLING THE FRAME

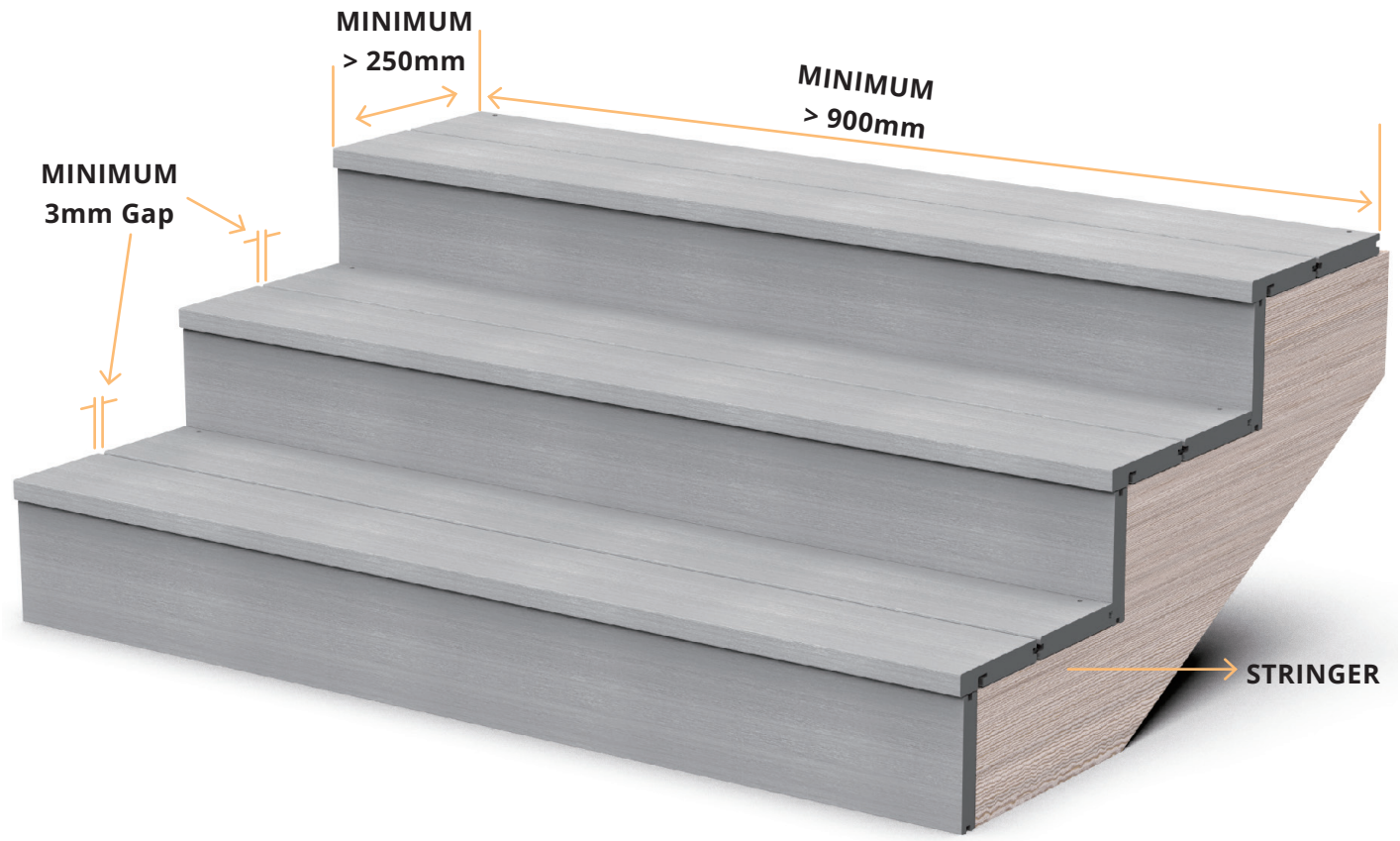


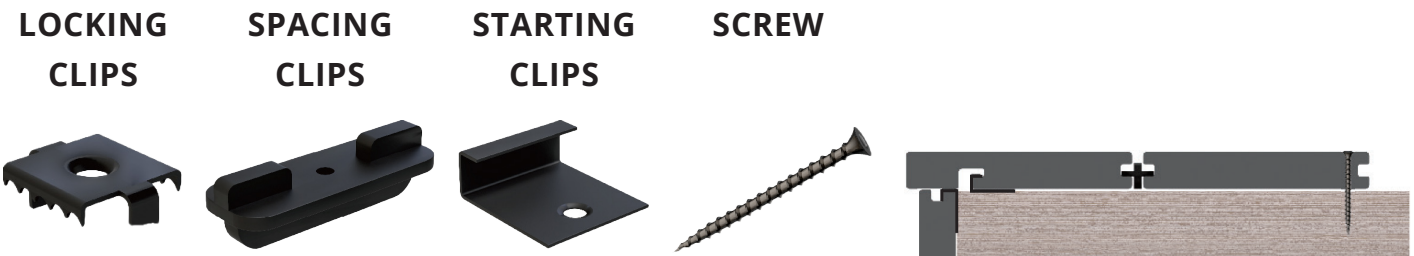
PICTURE FRAMING METHOD OF DECKING INSTALLATION - INSTALLING THE CLIPS

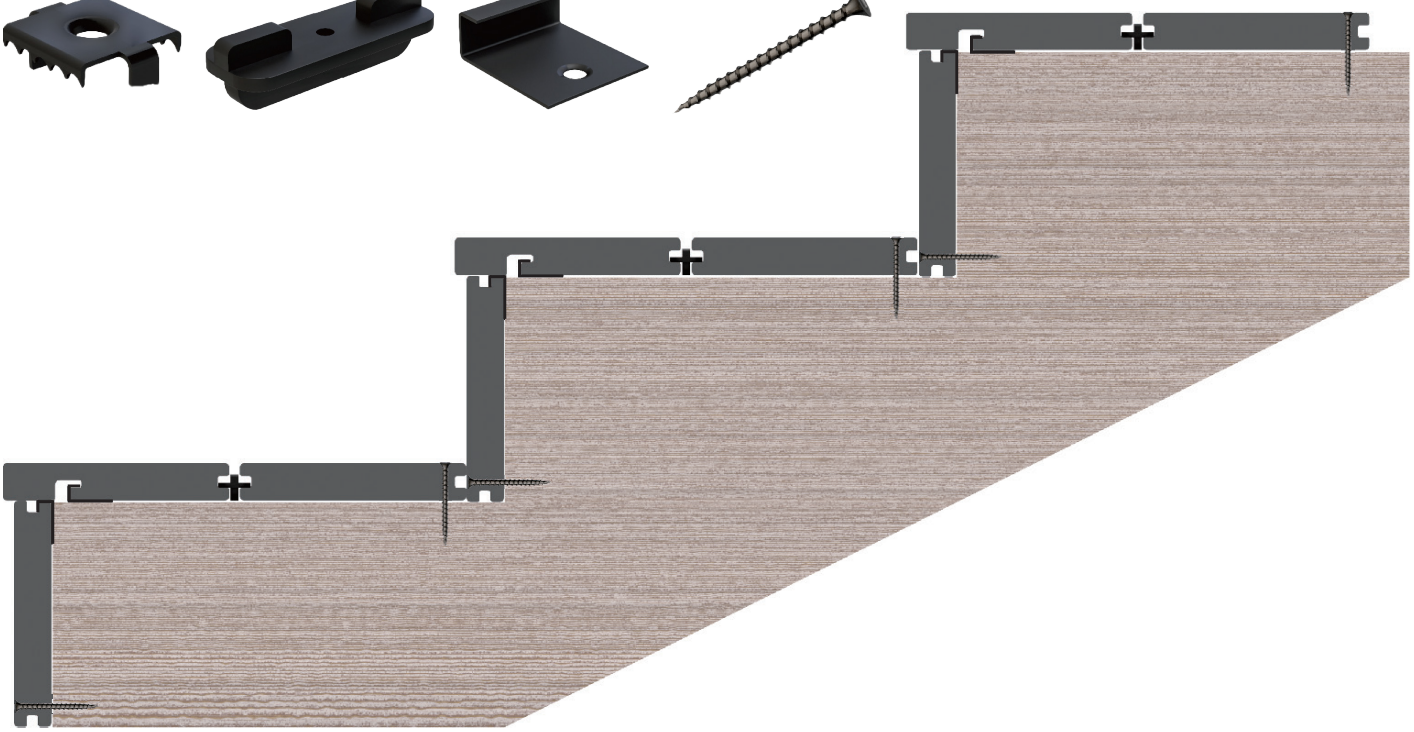


STAIR TREAD INSTALLATION

Before installing stair treads, ensure that the maximum framework spacing does not exceed 450mm. The outward projection (Lip of decking board) of the treads should not exceed 20mm. The minimum length of the stairs should be no less than 900mm, and at least 4 support beams are required



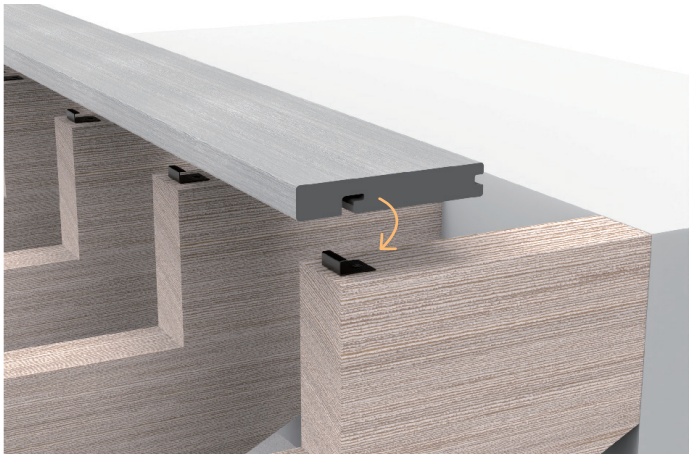




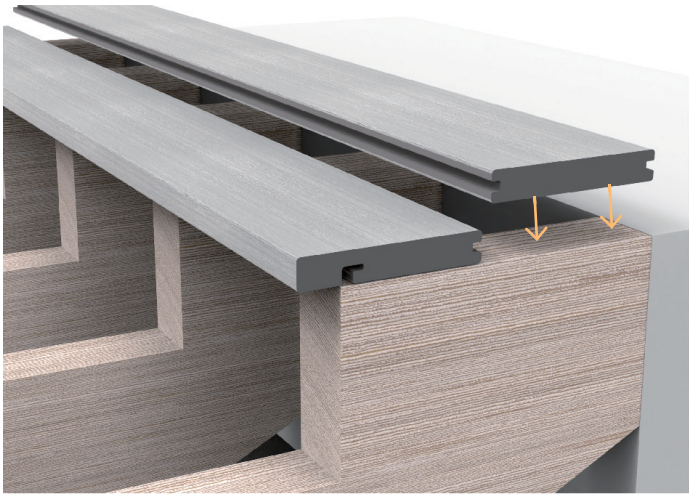
STAIR TREAD INSTALLATION SEQUENCE

It is recommended to install the stair treads in a top-down sequence.

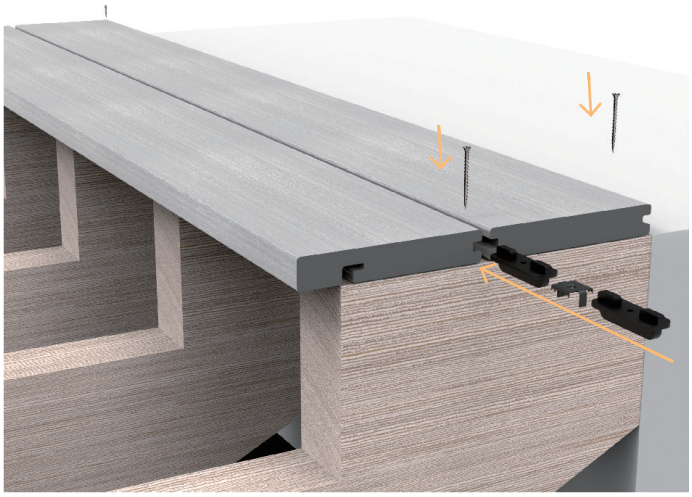
1. As shown in the diagram above, determine the position and install the starting clip.



2. Install the edge board onto the starting clip.



3. Position the second board following the edge board – this continues into the main decking area on the top step – otherwise continue to point 4



4. Insert the clips along the groove between the two boards, sliding into the correct position above the joist, before fixing. Rip the back edge of the secondary board to suit the depth of your tread. Fix the back edge with a face screw.

5. Install the starting clips at the top of the vertical face of the joist.

6. Snap the Riser board into place and fix it with a face screw. (Position screw correctly to be hidden by board fastened to next tread)