

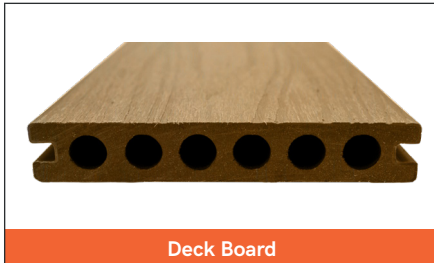


**PIRANHA**<sup>®</sup>  
DECKING & FENCING SOLUTIONS

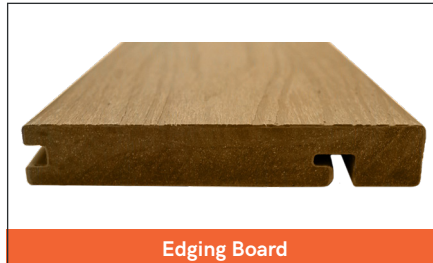


Guide to Planning & Installing  
**Terrafuzion Decking**

# Decking System Components



Deck Board



Edging Board



Fascia



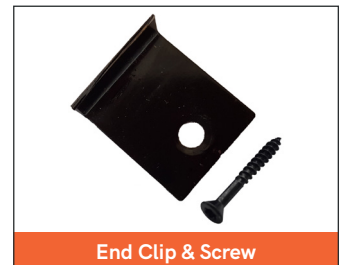
Universal/Edging Clip &amp; Screw



Slim Clip &amp; Screw



Starter Clip &amp; Screw

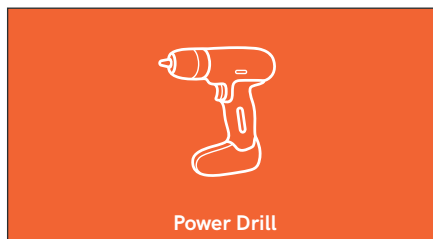


End Clip &amp; Screw

## Tools Required for Installation



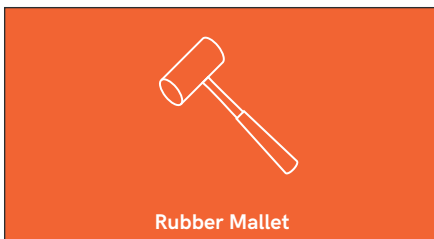
Circular Saw



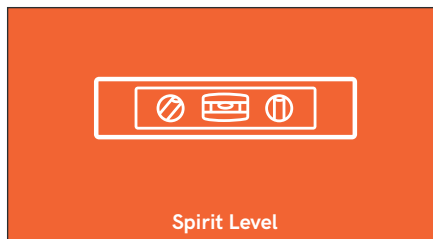
Power Drill



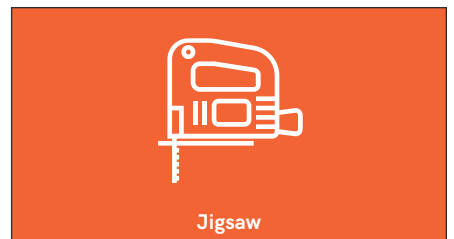
Tape Measure &amp; Pencil



Rubber Mallet



Spirit Level



Jigsaw

## Required Safety Equipment



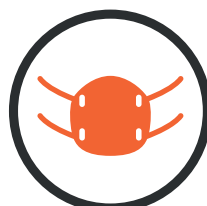
Ear Protection



Safety Glasses



Gloves



Dust Mask



Safety Footwear



Long Sleeves

It is your responsibility to ensure that you comply with all applicable health and safety legislation and guidelines.

# How Much Product Do I Need?

## Terrafuzion Deck Boards

- In metres, multiply the length by the width of the area; Length(m) x Width(m) = (a)
- Multiply the answer (a) by 2.
- If there is a decimal, round it up to the next number.

Example based on an area of 3.6m length by 4.8m wide:

$3.6 \times 4.8 = 17.28 \times 2 = 34.56$ . Rounded up to nearest full board = 35 boards required.

## Starter Clip

- In millimetres (mm), measure the total length of the boards with the grooved side facing you = (a)
- Divide the answer (a) by 300
- Add 1 to the answer

Example based on 3600mm

$3600 / 300 = 12$

$12 + 1 = 13$

## Universal Clip or Slim Clips

13 Per Board

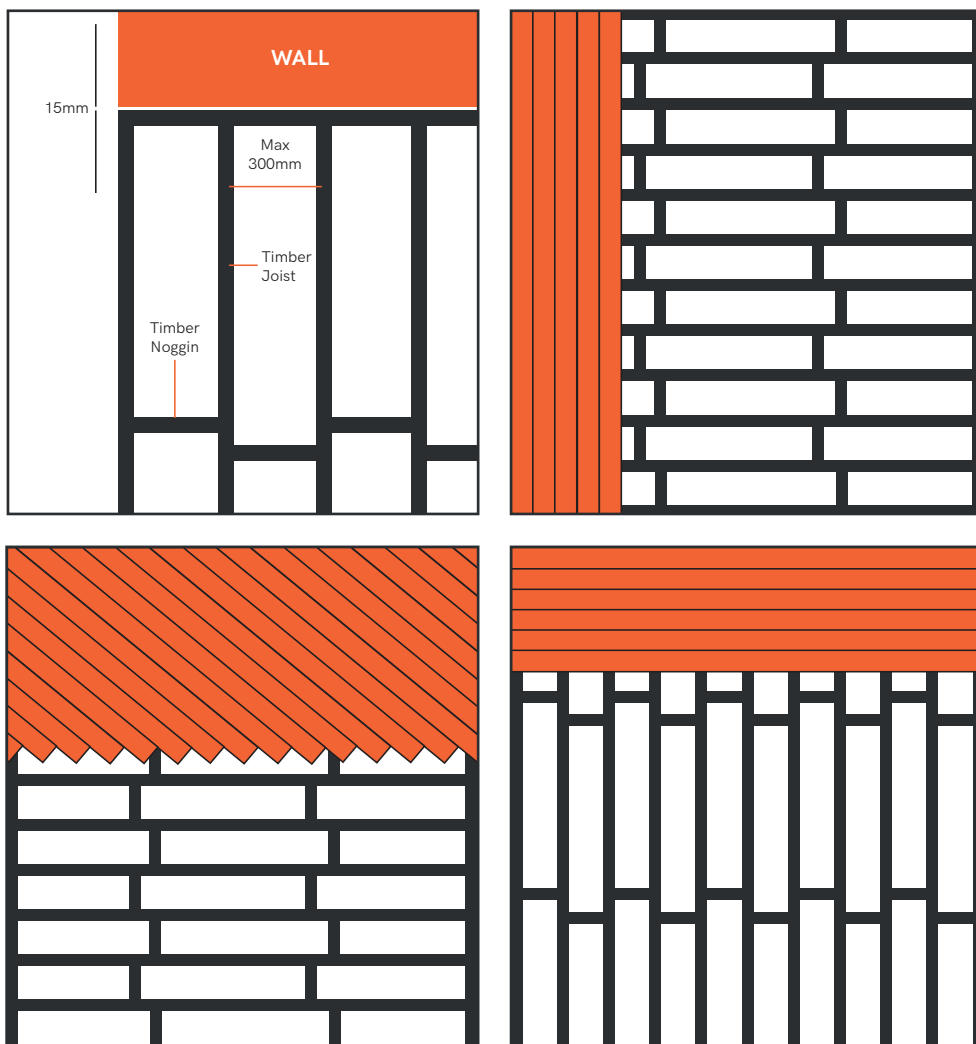
## Edging Board & Fascias

As required subject to the design of the deck.

# Installation Considerations

## Timber Subframe Considerations

- C16 treated timber should be used for constructing the subframe.
- Recommended sizes: 100 x 47mm or if elevated 125 x 47mm.
- We recommend 300mm joist centres.
- A 15mm gap should be left between the frame and any walls to allow for air flow.
- We recommend covering the ground underneath the frame with a membrane to prevent weeds from coming through.
- Levelling the frame: allow a 1 in 100 gradient away from any building to assist with water run off.
- Always use screws suitable for outdoor use when constructing the frame.



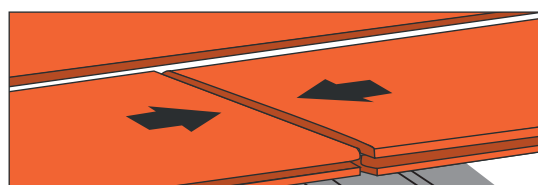
# Pre-Installation Considerations

- Fully read our Understanding Piranha Guide for more tips and advice, particularly, if you are inexperienced in installing our Piranha ranges.
- Always purchase all the boards for the project together as colour may vary from batch to batch. Batches bought at different times will vary due to natural and process variables, from material batching to temperature and humidity.
- Always inspect the boards for any damage upon delivery.
- Always allow for wastage (10% is recommended subject to design).
- Consider how you're going to store the product once it arrives on site or at your store. Stack on flat ground with supports at each end and spaced no more than 600mm apart.
- Do not stack packs more than four high.
- Store opened packs under cover if possible or cover with tarpaulin.
- We'd recommend allowing your delivery to acclimatise for 24 hours prior to starting installation.

# Installation Considerations

- All composite decking boards will naturally contract and expand, subject to temperature conditions. Suitable gaps should be maintained between board joints. This is outlined in the table below.
- Variation is designed into the shade spectrums using colour mixing, but some packs may have a more predominant shade to the next. Bear this in mind and inspect each pack to see if you need to consider mixing to create a natural blend.
- For best results, we'd normally recommend you try and install each board with the grain in the opposite direction. This further helps with creating a natural look and avoids any remote possibilities of spotting repeats in the grain.
- If you are not satisfied or concerned about any aspect of your delivery, please report it to your supplier before you start work, so we can support all parties to resolve the situation, as appropriate and as urgently as possible. Talasey Ltd will not accept liability or costs when product was deemed to be unsatisfactory but then installation continued.

Temperature Guidance Table	
Outside Temperature	End-To-End Gap
Below 4°C	6mm
Between 4°C - 25°C	3mm



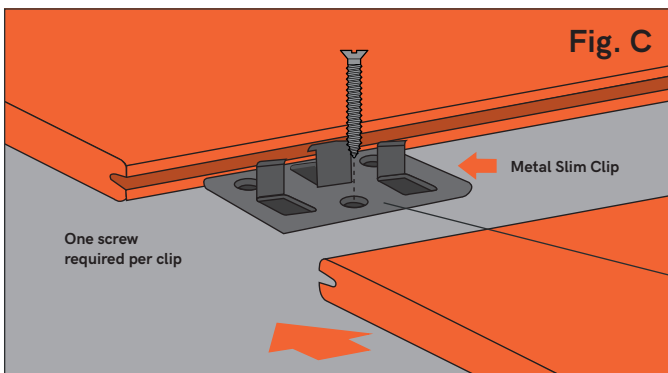
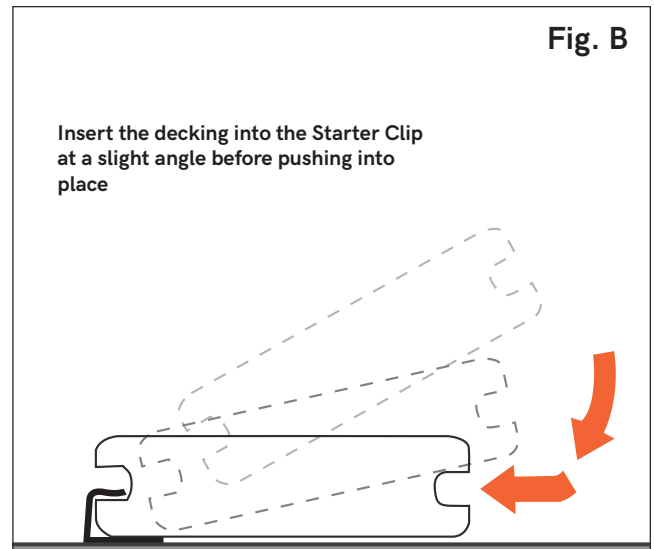
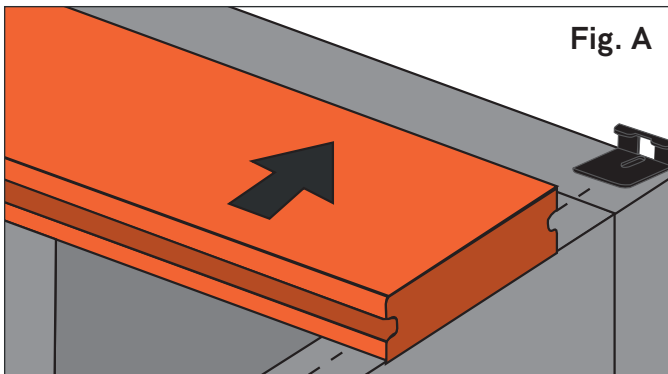
# Handling Considerations

When storing the boards outside always put the boards on a flat surface and cover them with a layer of sheeting to protect them from dirt and grit that could damage the boards. Do not drag or slide the boards over one another when laying the deck.

# Installing Terrafuzion Deck Boards

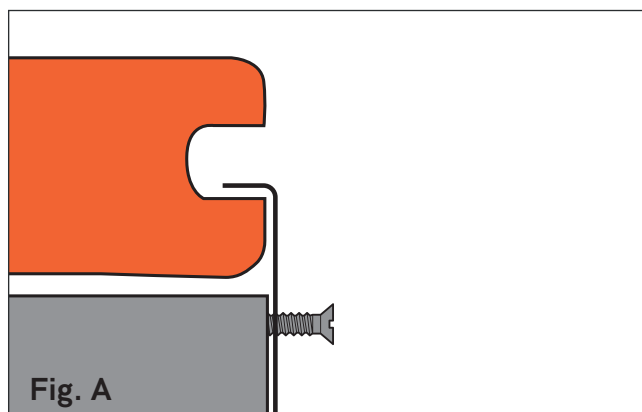
## - Slim Clips

- Position the starter clips at the intersection of each joist and secure. These should be level with the edge of the frame. (Fig. A)
- Place the deck board with the grooved edge facing the starter clips. (Fig. A)
- Insert the deck board into the starter clip at a slight angle before pushing into place. (Fig. B)
- Now using the slim clip, place the single pronged side into the groove. Using one screw, secure the clip by screwing through the counter sunk hole and into the joist. (Fig. C)
- Line up the next board with the clips and push it into place.
- Repeat the process for subsequent boards.



# Installing the Last Deck Board

- Position the end clip as shown in Fig. A.
- Secure to the side of the frame.



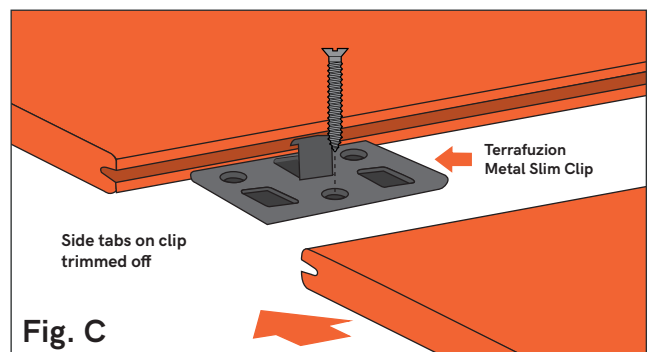
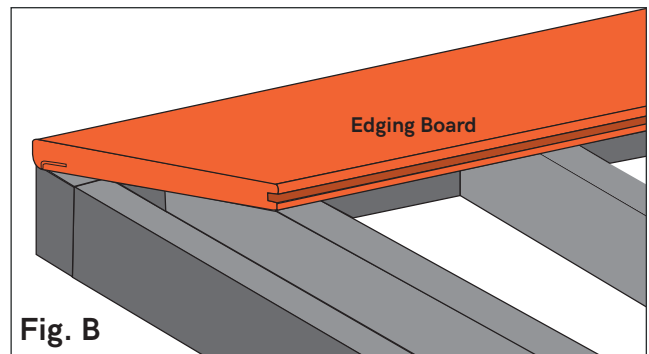
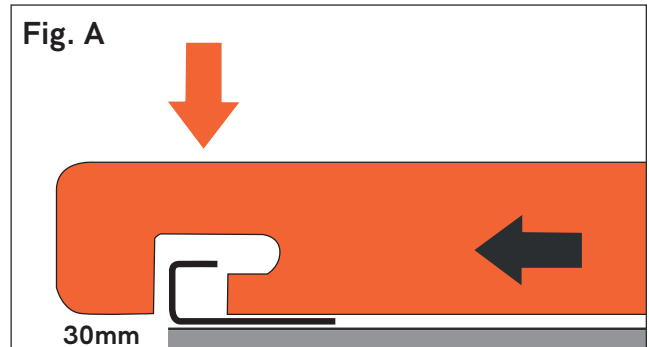
## What if I Need to Trim the Last Deck Board?

The fixing method is the same as above but ensure that the trimmed board has enough of an edge for the clip to grip the board. If not put some slots in as required.

# Installing Terrafuzion Edging Boards

## - Option 1

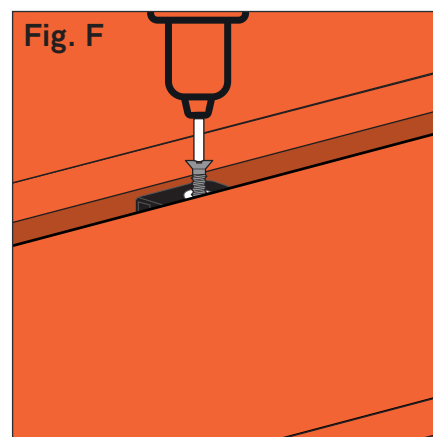
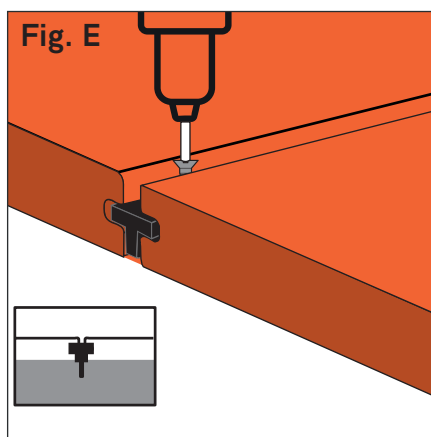
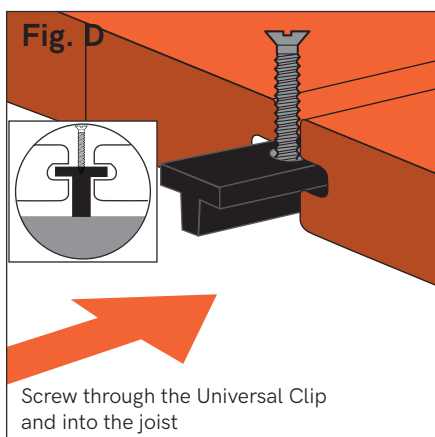
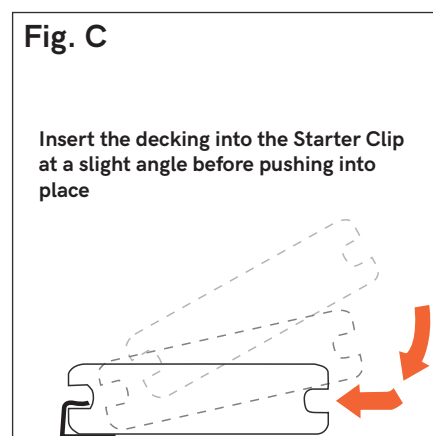
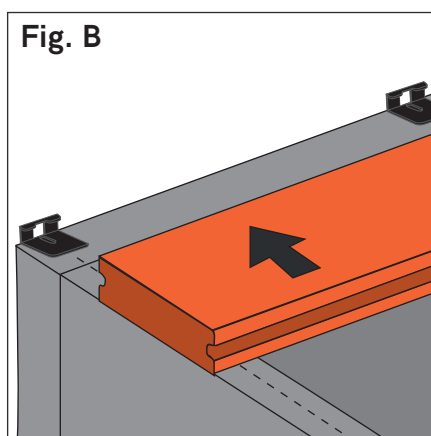
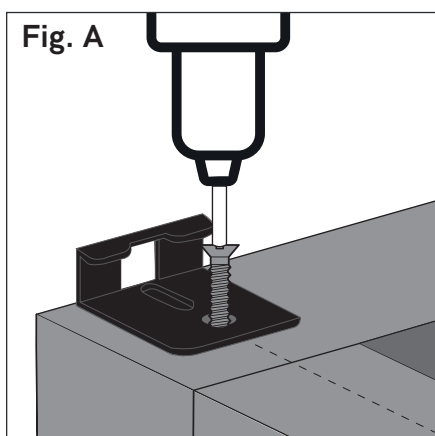
- Position and fit the starter clips as described in the previous section.
- Place the Terrafuzion edging board over the starter clip and push the board (as shown in the diagram) to secure in place. (Fig. A, Fig. B)
- Continue fitting the rest of the boards as previously described. (Fig. C)
- This will give you a 30mm overhang less the thickness of the fascia used.
- If you are fitting the Terrafuzion edging board perpendicular to the rest of the boards you will need a double joist on your frame (see section "Picture framing").
- To secure the Terrafuzion edging board, trim off the two side tabs on the slim clip as shown in the diagram.



# Installing Terrafuzion Deck Boards

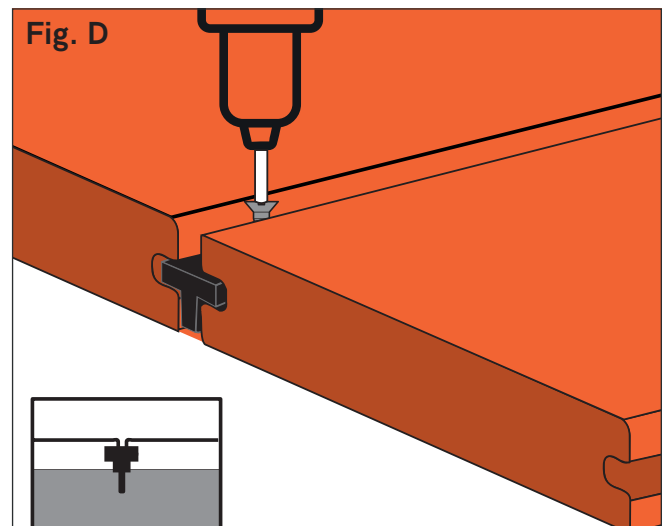
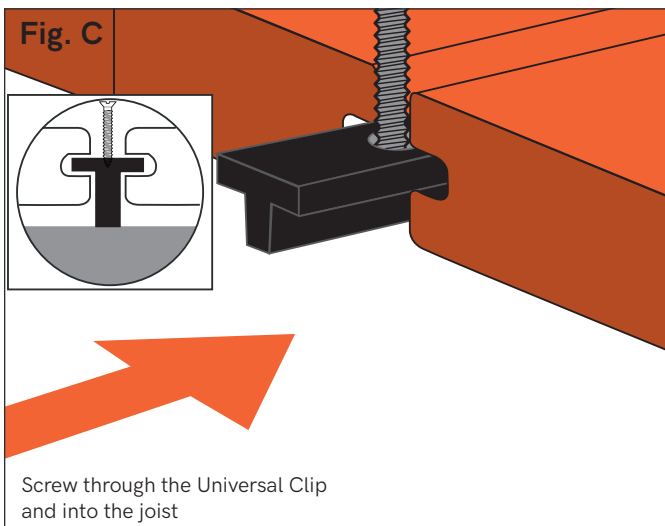
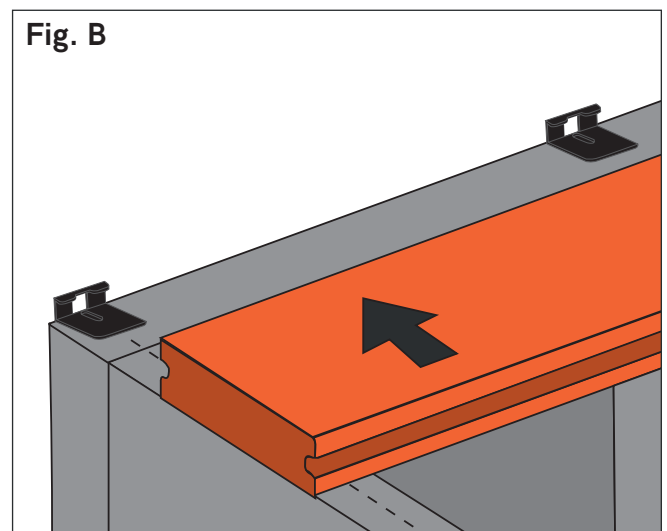
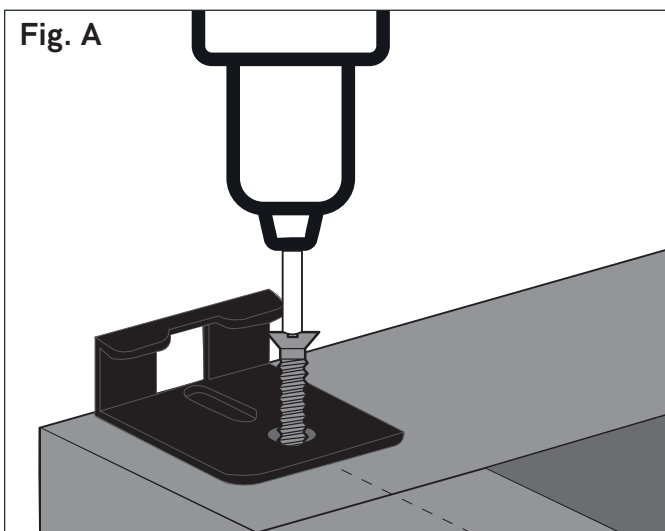
## - Universal Edging Clips

- Position the starter clips at the intersection of each joist and secure. These should be level with the edge of the frame. (Fig. A)
- Place the deck board with the grooved edge facing the starter clips. (Fig. B)
- Insert the deck board into the starter clip at a slight angle before pushing into place. (Fig. C)
- Place the universal clips on each joist and into the side groove of the board. Using the screw provided, secure the clip. Do not tighten them up. (Fig. D + E)
- Line up the next board with the clips and push it into place. Now tighten the first row of clips. (Fig. F)
- Repeat the process for subsequent boards.



# Installing the Last Deck Board

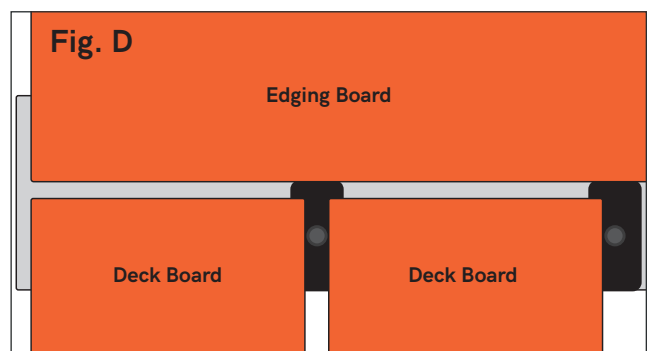
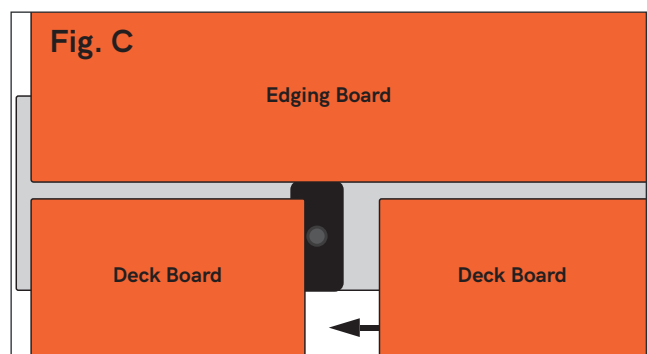
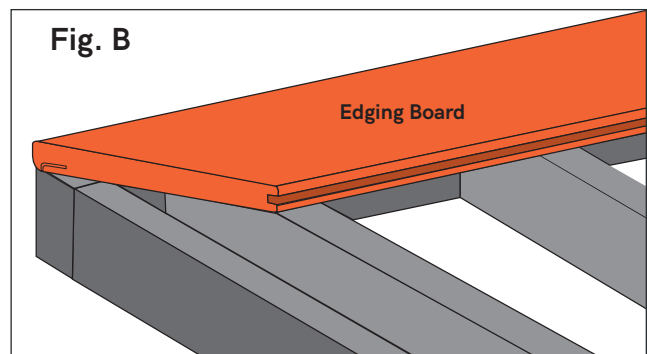
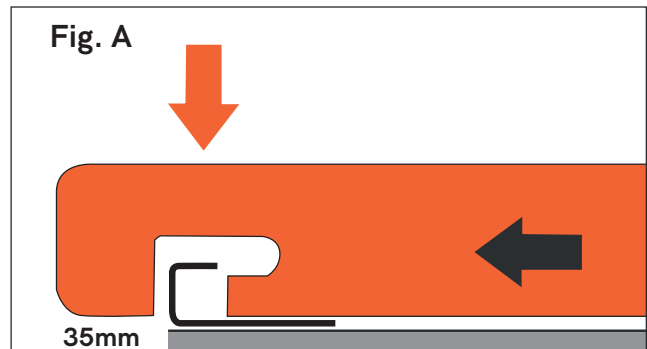
- To fit the last board, first measure the width of the final board. Trim the board to size, if required.
- Do not fit the penultimate board yet.
- Fit starter clips and slot the last board in place. (Fig. A + B)
- Now insert the penultimate board.
- Slide the required universal edging clips in between the boards. (Fig. C)
- Once the clips are positioned over the joists, secure in place. (Fig. D)



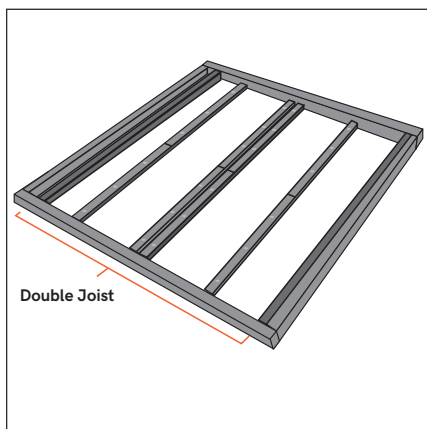
# Installing Terrafuzion Edging Boards

## - Option 2

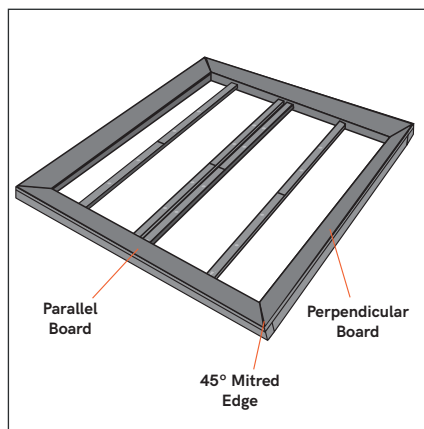
- Position and fit the starter clips as described in the previous section.
- Place the Terrafuzion edging board over the starter clip and push the board (as shown in the diagram) to secure in place (Fig. A, Fig. B).
- Continue fitting the rest of the boards as previously described.
- This will give you a 35mm overhang less the thickness of the fascia used.
- If you are fitting the Terrafuzion edging board perpendicular to the rest of the boards you will need a double joist on your frame (see section "Picture framing").
- To secure the Terrafuzion edging board perpendicular to the rest of the boards, you will need to insert the Universal Edging Clip as shown in the diagram with the front of the clip positioned in the groove of the edging board. Fig. C
- Secure the Universal Edging Clip to the joist, then push the next deck board in place.
- Repeat this process for the remaining deck boards, making sure the fronts of all the Universal Edging Clips are firmly in the groove of the edging board. Fig. D



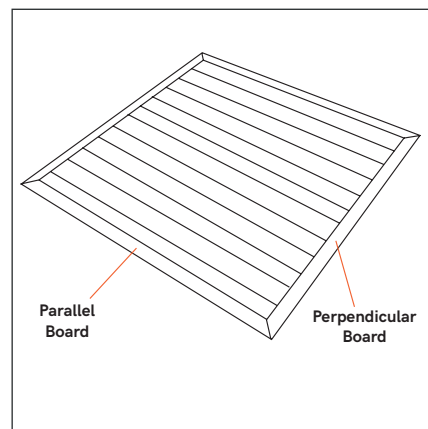
# Picture Framing



A double joist is needed on the perpendicular side of the frame.



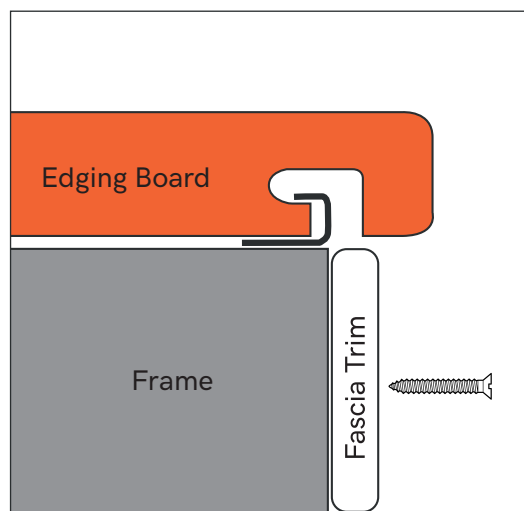
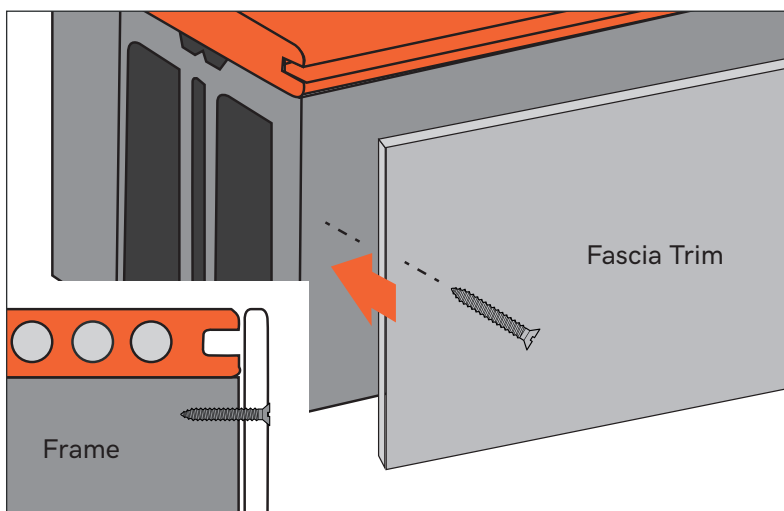
Boards will need to be cut with 45 degree mitred edges.



After installing the perimeter boards, install subsequent boards.

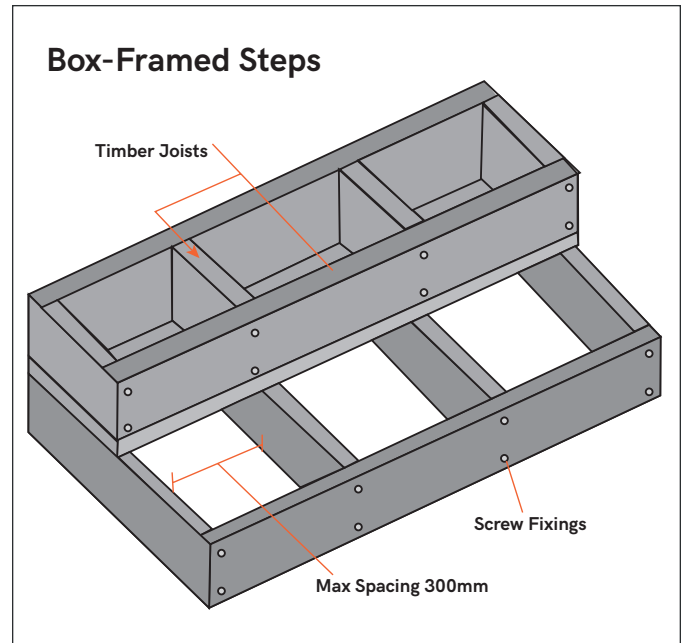
# Fitting Fascia Trims

Deck board edges can be finished with a fascia trim. Run some grip adhesive on the back of the trim and secure in place by either using panel pins or screws. Always pre-drill pilot holes in the fascia.

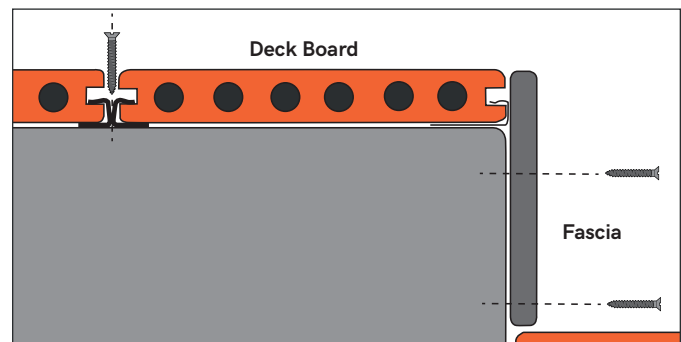


# Building Decking Steps

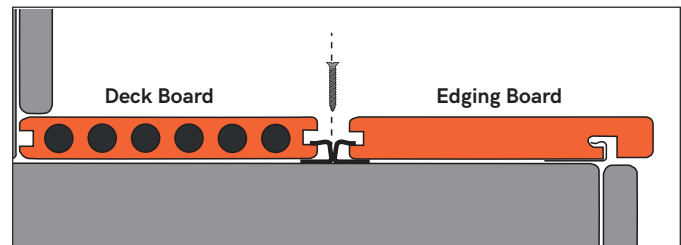
- Steps can be made by building a number of boxes and stacking them on top of each other.
- The tread height (including the deck board) should be a maximum of 150mm.
- Joist centres – 300mm.
- Secure the steps to the subframe.



Steps using Terrafuzion deck boards and fascia boards.



Steps using Terrafuzion edging boards and fascia boards.



# General Information

## Colour Stabilisation

All our Piranha products contain UV stabilisers, however, due to their high natural content, all composite landscaping products will go through an initial colour stabilisation. Terrafuzion provides increased protection against fading & weathering, providing the boards with an extra long life, due to its HDPE capping.

## Colour Banding

Variation is designed into the shade spectrums using colour mixing, but some packs may have a more predominant shade to the next. Bear this in mind and inspect each pack to see if you need to consider mixing to create a natural blend.

Orders bought at different times will exhibit shade difference.

Even products purchased at the same time but then split into two separate projects at different times will stabilise at different rates. For example, if an area is installed and then extended some time later, even with the same consignment of product, there will be variation exhibited.

## Dark Patching/Anaerobic Zones

On rare occasions, fixtures such as rubber doormats can cause anaerobic bacteria zones where there is a depletion of oxygen. This may cause the area under the mat to darken significantly.

# Caring For Your Terrafuzion Deck

We recommend cleaning your deck every 3-6 months.

**General Cleaning** - Apply warm soapy water to the surface of the boards and clean with a soft bristled brush.

**Deep Cleaning** - Use Pavetuf Composite Cleaner which is specifically designed for the removal of built up surface dirt. It is biodegradable and is a non-acidic, non-caustic formula. Alternatively use a jet wash with no greater than 3100 PSI to clean the surface of your deck. Have the jet wash on a fan setting and hold 30-45cm from the surface. Regardless of which cleaning method you choose, always clean along the length of the boards to prevent any accumulation of debris that can interfere with water drainage.

**Stubborn Spot Stains** - For stubborn stains, such as oil and grease marks, we recommend that you use the techniques outlined above as well as the advice below: Treat the affected area within the first 7 days. Pavetuf Deep Cleaner can be used, as it contains a degreasing agent which assists in the removal of heavy soiling such as oil and grease stains from the surface of hard landscaping products, including composite deck boards.

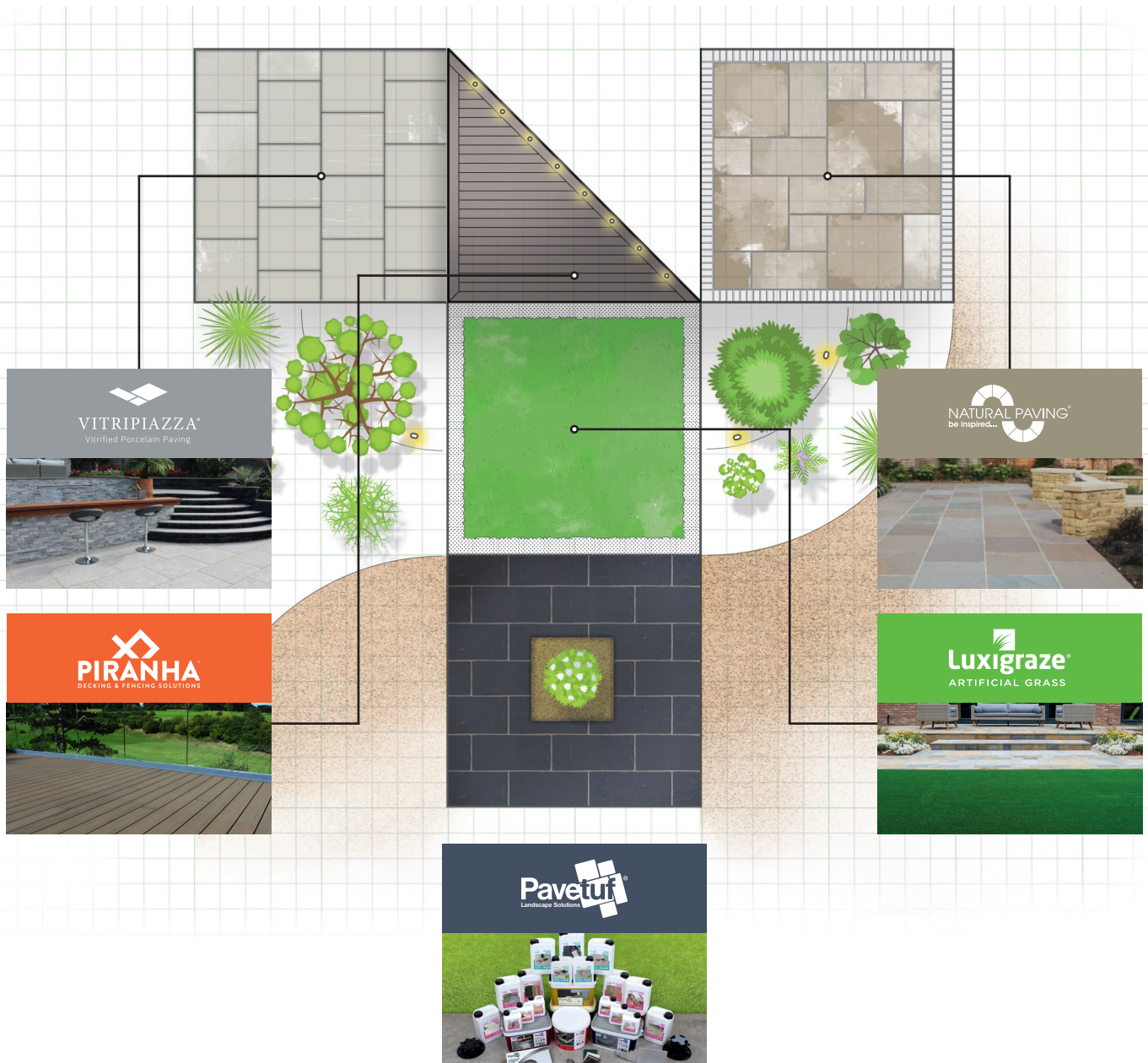
**Surface Mildew and Mould Growth** - Piranha deck boards are resistant to the damaging effects of both mould and mildew growth, this type of growth can occur on almost every outdoor surface and may collect on the surface of the boards. General routine cleaning will help avoid excessive build-up of such growth. Pavetuf Green-Off Cleaner can be used if there is a build-up of organic growth. It is a fast acting cleaner specifically designed for the treatment of organic growth.

**Water Stains** - Use warm soapy water to thoroughly clean the affected boards. You may want to use a jet wash on the affected area to assist with the removal of surface residue. To further speed-up this process, use Pavetuf Composite Cleaner.

**Ice and Snow** - Avoid using metal shovels, rakes, ice chippers and any other sharp objects to clear snow or ice off your deck. We recommend using a plastic shovel, otherwise you run the risk of scratching or damaging the surface of the boards. We recommend using a salt-free, non-corrosive ice melt which is designed not to leave any residue on the surface of the boards and is generally more effective than salt-based alternatives. Rock salt can be used on our composite decking, but we advise that this is cleared away shortly after it has been applied to ensure that it does not damage or scratch the surface of the boards.

# TOTALLY TALASEY

TALASEY ARE PROUD TO BRING YOU THEIR EXTENSIVE PORTFOLIO  
OF THE FINEST LANDSCAPING PRODUCTS AND SOLUTIONS



Legal Notice - The information in this Document or on Talasey Ltd's Website referred to herein (the "Materials") is for guidance purposes and intended to assist you in your purchase and enjoyment of the product. Talasey Ltd will have no responsibility or liability, howsoever arising, for reliance on the information provided in the Materials. Talasey Ltd's sole liability in respect of any products shall be as outlined in the terms and conditions of purchase or in any express guarantee relating to the product purchased. Any product guarantee referenced in the Materials is subject to terms and conditions. Whilst we work closely with our partners, any arrangement you make or advice you take from them will be subject to your contract with them and Talasey Ltd has no liability in respect of any act or omission of any third party. Every effort has been taken to ensure that the information contained in the Materials is accurate, specifications and tolerances will be as contained in your order for the products, and may differ from those stated in the Materials, particularly with respect to natural materials where colours may differ from those illustrated. Guidance provided by Talasey Ltd is generic and advice should be sought in respect of local environmental and building regulations as applicable.



PRFIG0922V10

See website for terms & conditions  
info@talasey.co.uk  
0330 333 8030  
[www.talasey.co.uk](http://www.talasey.co.uk)



**TALASEY**  
GROUP