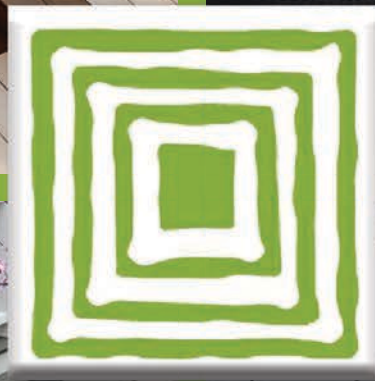




# DeckPlus



## Install and Care Guide

EvoDek+, WeatherDek and EasyClean ReversaDek

## Decking Components



Deck Board



Edge Board



L-Trim Board



Hidden Fastener & Screw



Starter Clip & Screw



End Clip & Screw

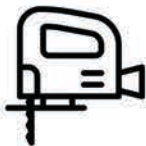


TOPLoc Screws

## Tools Required



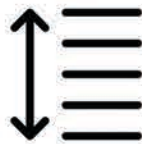
Drill



Jigsaw



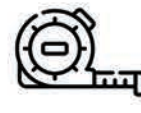
Circular Saw



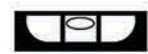
Spacing Tool



Rubber Mallet



Tape Measure



Spirit Level



Carpenter Square

## Safety Equipment



Safety Glasses



Safety Footwear



Ear Protection



Dust Mask



Safety Gloves

## Do you know how much you need?

### Boards

In order to calculate how many deck boards you will require, firstly work out the area of your desired deck surface – by multiplying the width by the length. Then divide the total area by 0.52 to determine the number of boards required.

Example: *WeatherDek & Easyclean ReversaDek*

$3.6\text{m} \times 5\text{m} / 0.52 = 34.6$ . Rounded up equals 35 boards.

Example: *EvoDek+*

$3.6\text{m} \times 5\text{m} / 0.57 = 31.5$ . Rounded up equals 32 boards.

We strongly suggest adding 10% for waste.

### Starter and End Clips

Measure your board. **EvoDek+, WeatherDek and Easyclean ReversaDek** are all 3.6m long.

Example: in mm

$3600 / 300 = 12$

Add 1

Total is 13 clips.

### Hidden Fasteners

Use the same calculation as the clips.

### Board Trim

As required.

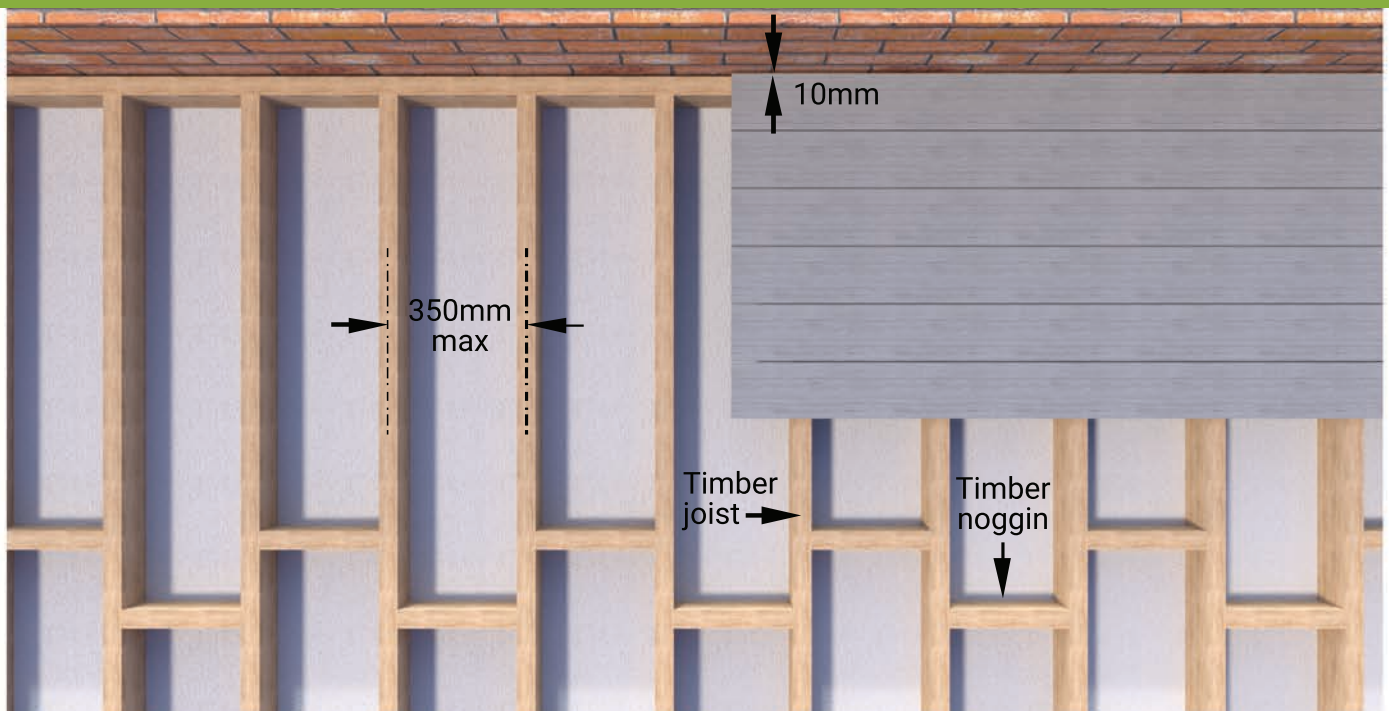
NOTE:

These calculations are for guidance only. If you are unsure, please contact your supplier or sales representative.

## Before you start.

### Subframe

- It is recommended to allow a 1 in 100 (1%) gradient that runs away from any adjoining buildings. Boards should run lengthways along this gradient to assist water dispersal.
- C16 treated timber joists recommended size is 100mm x 47mm.
- Maximum joists centers of 350mm.
- Leave 10mm gap between the first joist / board and any adjoining structures to allow airflow.
- A membrane should be used on the ground below your deck to prevent weeds.



## Before you start.

### Additional Information

#### Plan Ahead

Whatever the shape or size of your deck, it is important to plan your laying pattern, direction and where you want / need butt joints. It is recommended to draw a plan out first to minimise errors. If you need help with this you can contact your sales representative.

#### Cantilevering

DeckPlus can be cantilevered a maximum of 21mm.

#### Color

DeckPlus boards are manufactured using reclaimed wood fibre, so they're more environmentally friendly than hardwood decking in addition to requiring less maintenance.

It's recommended to acquire all boards needed for your project at the same time, as this will ensure colour consistency and ensure only one delivery cost. We recommend laying out all the boards before installation to ensure a natural effect of grain and colour tone is balanced across the whole of your decking. As with all materials exposed to direct sunlight, some natural weathering may occur over time.

#### Disclaimer

All images in this document are illustrative only and in no way provide a direct installation direction. If you have any queries you should contact your supplier or sales representative.

#### Board Spacing (gap expansion)

Leave a space of between 3-5mm between boards when fixing (temperature dependant):

Below -1° celsius (30°F) 5mm Gap
-1° to 23° celsius (30°F to 74°F) 3mm Gap
Above 24° celsius (75°F) 1mm Gap

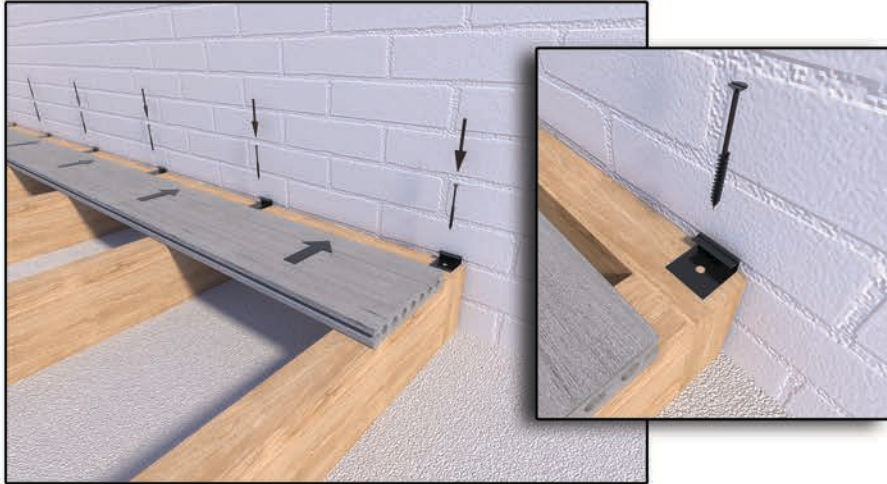
#### Not Load Bearing

DeckPlus is NOT designed to be used as a primary load bearing joist or beam and requires a suitable sub-structure.

#### Storage

DeckPlus boards should always be stored in a cool shaded area on a flat and level surface supporting the whole board. It is recommended to store the boards off any wet or cold ground. Allow 24-48 hours in the area they are to be installed so they can adjust to the environment.

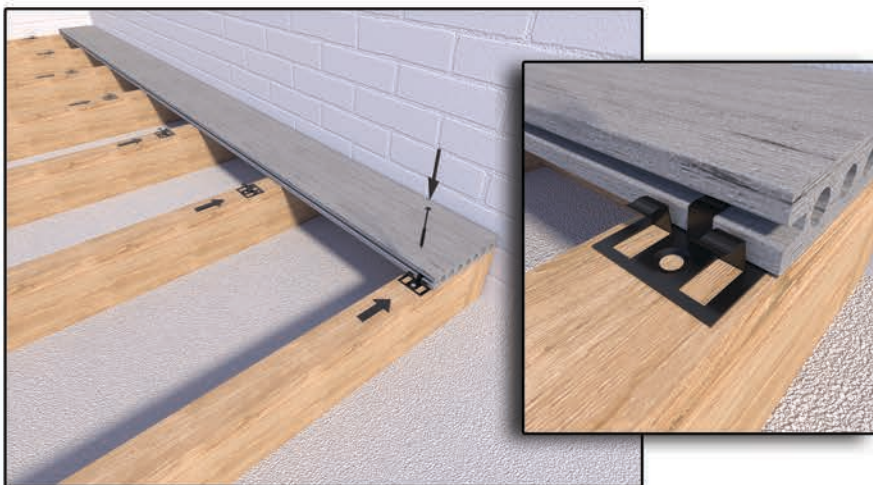
## Fitting Instructions



### 01.

Place the Starter Clip to the end of the joists and central to the perpendicular joist. Remember to leave a gap of 10mm between the clip and joist and any wall it is next to. Insert the first board.

*All boards should be inserted at a slight angle before pushing in to place.*



### 02.

Once the first board is in place, insert a Hidden Fastener with the single prong side into the groove of the outer edge of the board (at each joist). The screw hole in the hidden fastener should be lined up with the centre of each joist.

*IMPORTANT: When securing the hidden fasteners use the screwdriver on its lowest speed setting and DO NOT fully tighten the hidden fastener screws. Once the first fastener is in place (but not fully tightened), attach the next hidden fastener – again do not tighten fully. Then, revert back to previous hidden fastener and fully tighten. Repeat this procedure throughout the installation.*

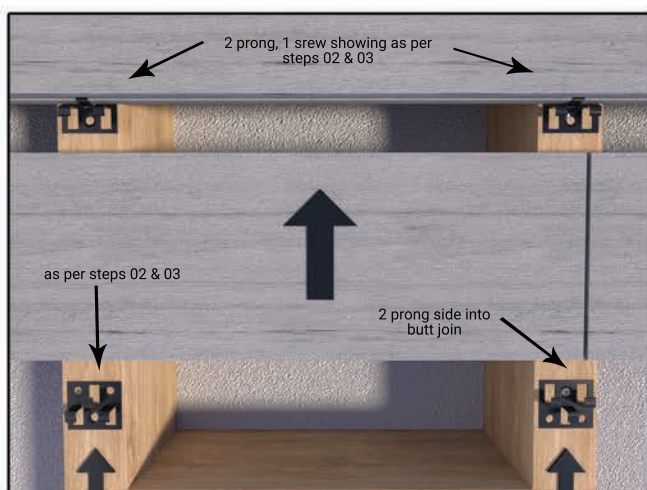
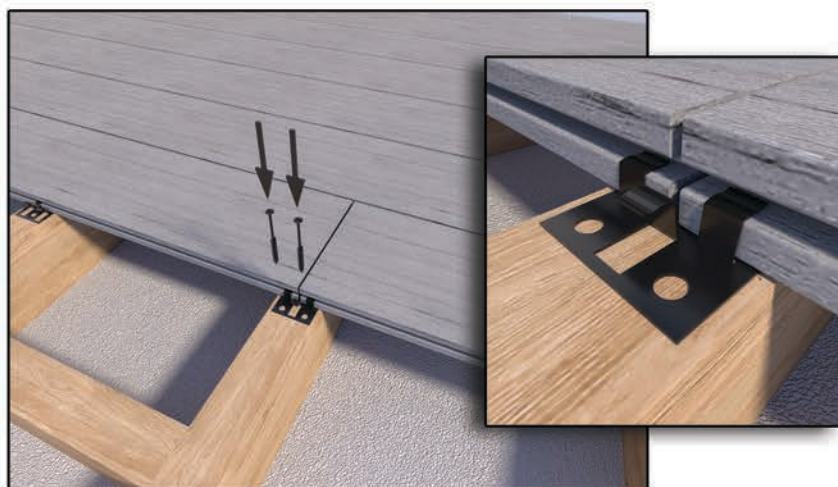
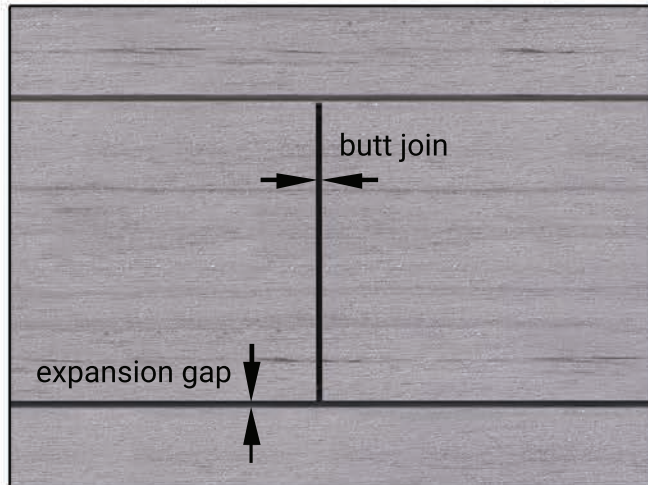


### 03.

Butt up the second deck board – raising the outer edge of the board being installed and slide onto the hidden fastener. Tap the board in place using a rubber mallet.

Repeat steps 02 & 03 until the final board.

## Fitting Instructions



### Butt Joints

#### 04.

It is important that the boards do not meet at the ends - butt joint gap.

The gap required is dependant on the temperature at the time of installing.

These margins are:

Below -1° celsius (30°F) 5mm Gap

-1° to 23° celsius (30°F to 74°F) 3mm Gap

Above 24° celsius (75°F) 1mm Gap

#### 05.

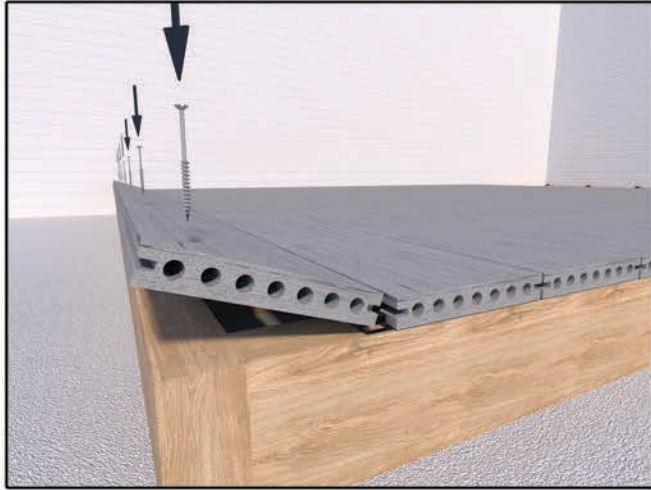
At butt joints where 2 boards join, make sure you leave a gap for expansion, see above.

Every butt joint should be secured with a clip. Offer up the clip with the 2 prongs inserted into the groove on the side of the deckboards. You need to locate 1 prong into the groove of each of the deckboards to allow the clip to fix down both deckboards. Fix the clip with 2 x 50mm screws through the 2 holes either side of the single/central prong.

#### 06.

Note that the previous board will already have 2 prongs available as per the recommended layout but ensure that the next fastener on the other side of the butt joint is rotated to offer 2 prongs also, gently tapping in with a rubber mallet if necessary before screwing down.

## Fitting Instructions



### Final Board

#### 07.

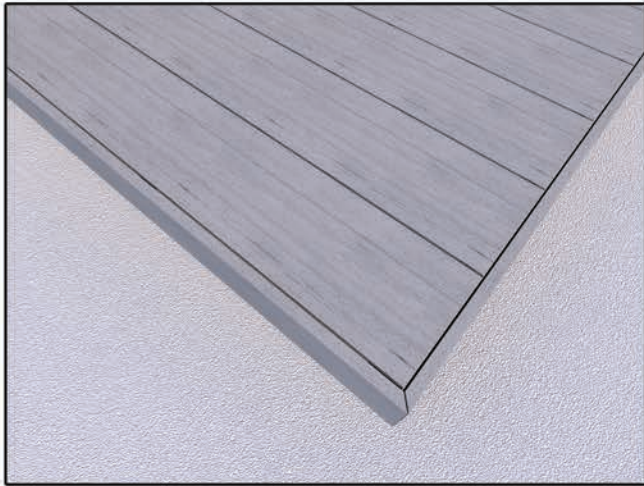
The last board will need to be installed using the clip from the penultimate board and the last fixing point will need to be screwed. Color match screws are recommended for a more seamless finish.

#### 08.

The same applies if your last board will up against a wall or structure.



## Fitting Instructions



### Edging

#### 09.

Use edging board to finish off the sides of your deck. They can be screwed directly into the joists. It is advised to pre drill holes to avoid any splitting or cracks.

Drill holes centrally at max centers of 300mm along the edge board.

At the corners the edge boards will also need a 45 degree mitre cut.

#### 10.

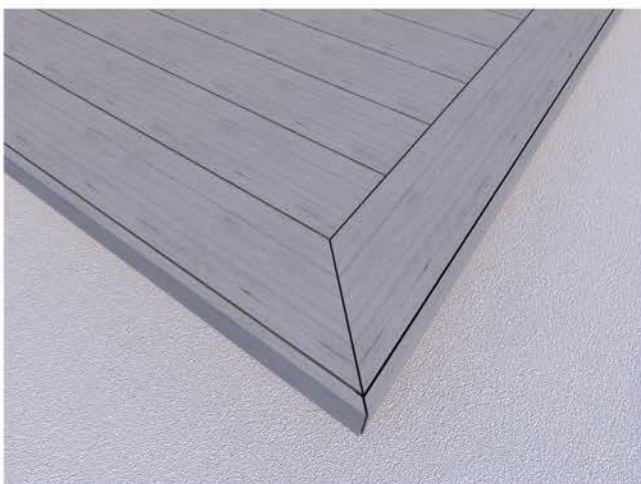
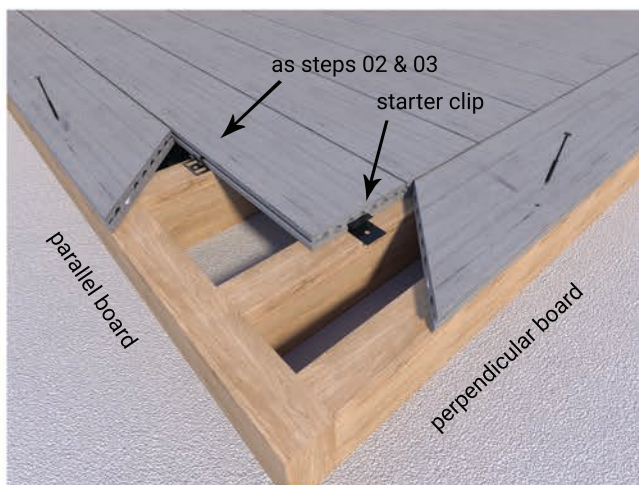
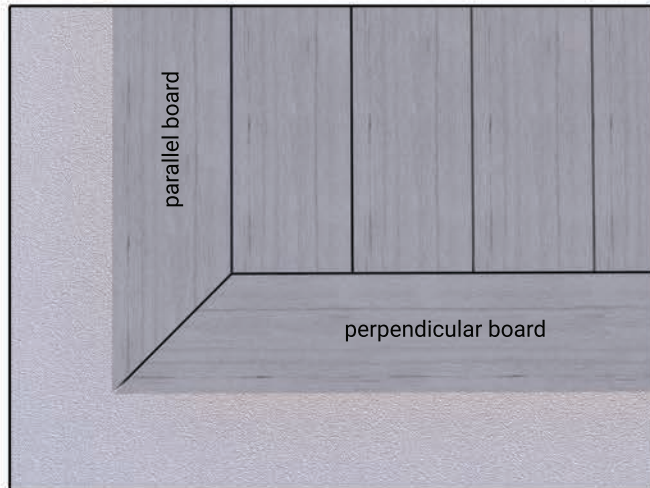
Where corners of edges meet you should leave a gap for expansion. (see page no4)

We supply color match screws so that you get a seamless finish.

#### 11. L-Trim

L-trim boards can also be used to finish your deck. Hidden fasteners and starter clips can be used to the parallel and perpendicular sides. Remembering to double up the joists on the perpendicular side. Use colour match screws to fix the outer edges.

## Fitting Instructions



## Picture Framing

### 12.

Picture framing is border around the edge of your deck. Note, this should be factored in when building your subframe as where boards run perpendicular to the main layout you will need to double up on the joists to support the end of the main deck board and the picture frame board.

### 13.

The parallel board can be installed as per steps 02 & 03 except your corners will have a 45 degree mitered edge. Remembering to leave a expansion gap where the 2 boards meet. (see page no4)

The perpendicular board where you have added an extra timber joist, you will need a starter clip to the ends of the main deck boards spaced at 350mm max centers but ideally positioned to the center of the board. Colour match screws can be used to secure the outer edges.

### 14.

Edge boards can be used for a cleaner finish.

The same steps as 09 & 10 can be used to achieve this.

## After Care & Maintenance

### Basic Cleaning Recommendations

We recommend maintaining your deck giving it a clean every 3 to 6 months. Dirt can build up and sit on your boards and accumulate over time.

Although DeckPlus products are low-maintenance, we recommend periodic cleaning of your deck to help maintain the beauty of the product.

A power washer can be used when cleaning DeckPlus products. The recommended maximum pressure is 1500 psi. A fan tip nozzle should be used along with the proper cleaning product. Spray in the

direction of the grain pattern to avoid damaging the product. Use caution not to damage the material and always take the proper safety precautions when operating a power washer.

### Ice And Snow

For ice removal, either rock salt or calcium chloride may be used without damage to the surface. However, either of these products may leave a white residue, which can be removed by either rinsing with water or with a mild soap/water solution.

### Painting/Staining/Sealing

Although not recommended, DeckPlus products may be painted or stained. DeckPlus does not guarantee the performance of anything applied to the product.

Wait approximately 8-10 weeks or until the product has completed its weathering process before painting or staining. Clean your DeckPlus surface prior to applying paint or stain. Never paint or stain over surfaces that may contain dirt, or mildew. Always apply paints and sealers in accordance with the manufacturer's application instructions.

### Dirt, Grime, Tannin and Mildew Stains

DeckPlus products are formulated to inhibit mildew growth and minimize staining. Rinse off your DeckPlus products periodically with a hose. Even if it appears clean, it is important to prevent build-up of pollen/debris. Mildew stains may occur where moisture, pollens, and/or dirt are present. Mildew needs a food source to grow, which can be grass, pollens, dirt, debris, wood and wood resins. Maintaining a clean, dry surface is the best method for combating mildew. Ensure that water drains effectively from your deck. Be sure that gaps exist between boards to allow for drainage.



# DeckPlus

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