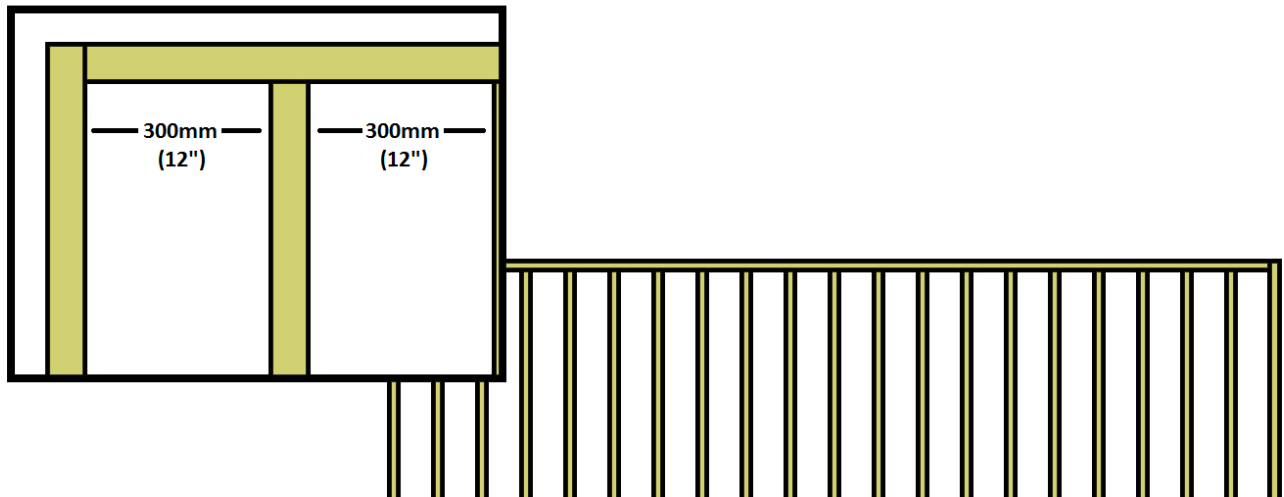


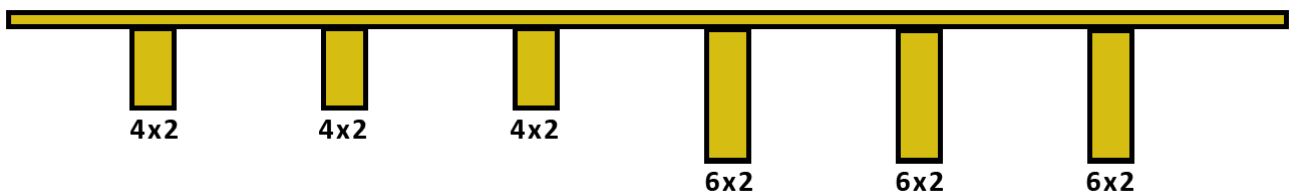
# **COMPOSITE DECKING INSTALLATION**

When fitting composite decking, please follow these guidelines; as failure to install decking correctly may result in deck boards becoming structurally unsound, possibly with the boards splitting or warping.

- Joists for composite decking must be fitted with a maximum 350mm between them. otherwise the boards may be able to flex too much and possibly split. We recommend 300mm for a more solid frame.



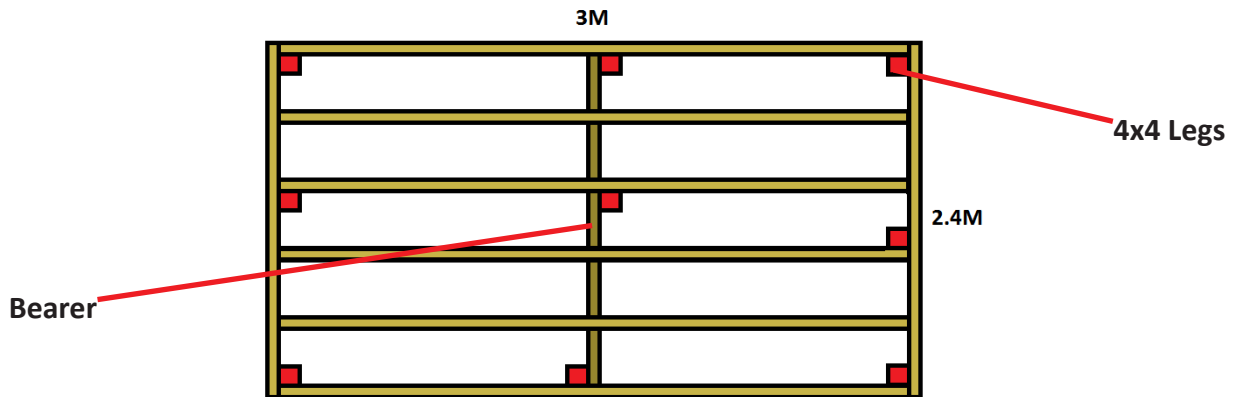
- When building your timber sub-frame, we recommend using nothing less than 4"x 2" (100mm x 50mm) timbers. This gives a good sturdy frame for your decking to fix to and is adequate for a deck either on the floor or upto a 2ft high elevated deck. If your deck is higher than 2ft from the floor then we recommend you upgrade your frame timbers to 6"x 2" (150mm x 50mm) as this will create a much sturdier base.



- We recommend that you screw your frame together with 12 x 4" wood screws for a good strong fixing.

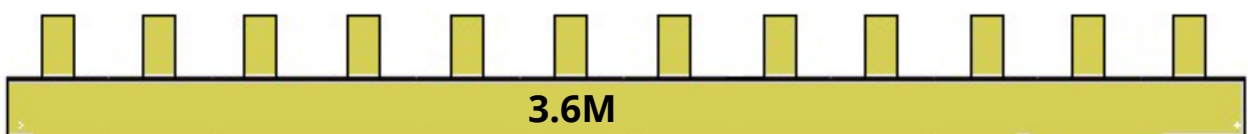
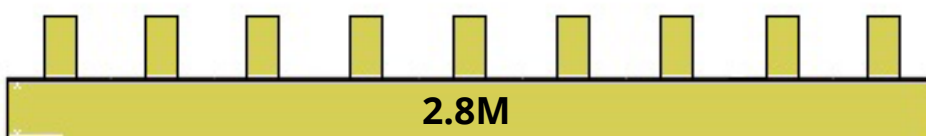
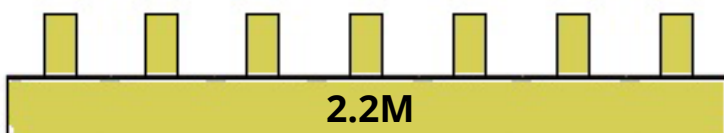


- When using legs for the deck if it is to be fitted to grass or soil, the gap between the centre of one post and the centre of the next should be a maximum of 1M in any given direction. We recommend putting a bearer below the joists down the centre to support the joists thus avoiding the need to fit legs to each joist for the support needed.

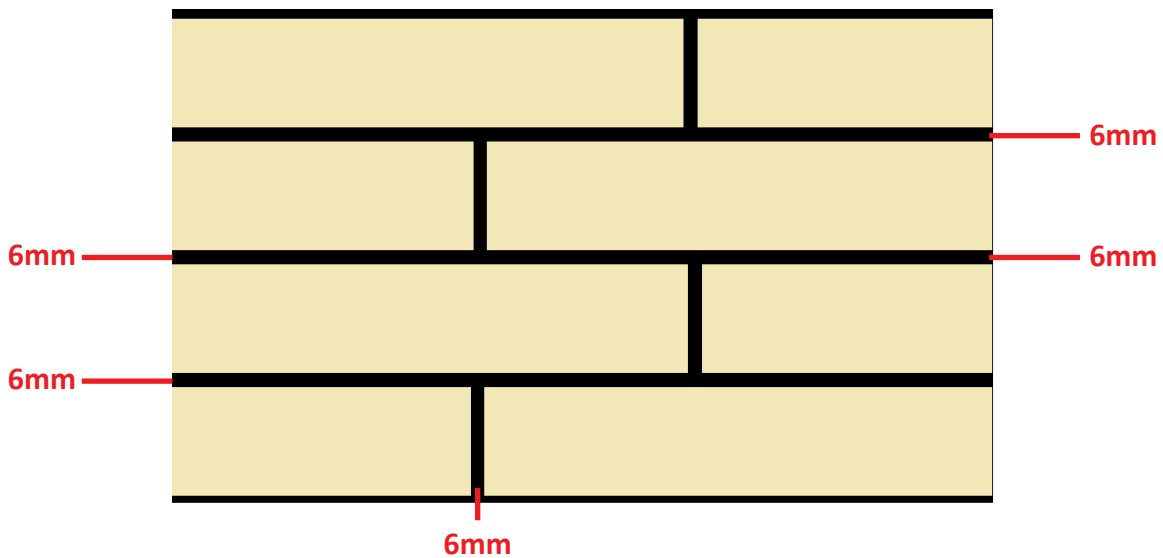


- In order to fix the composite boards down to your joists, you will need to use T-Fixings. The number of fixings to use will depend on the length of the board used.

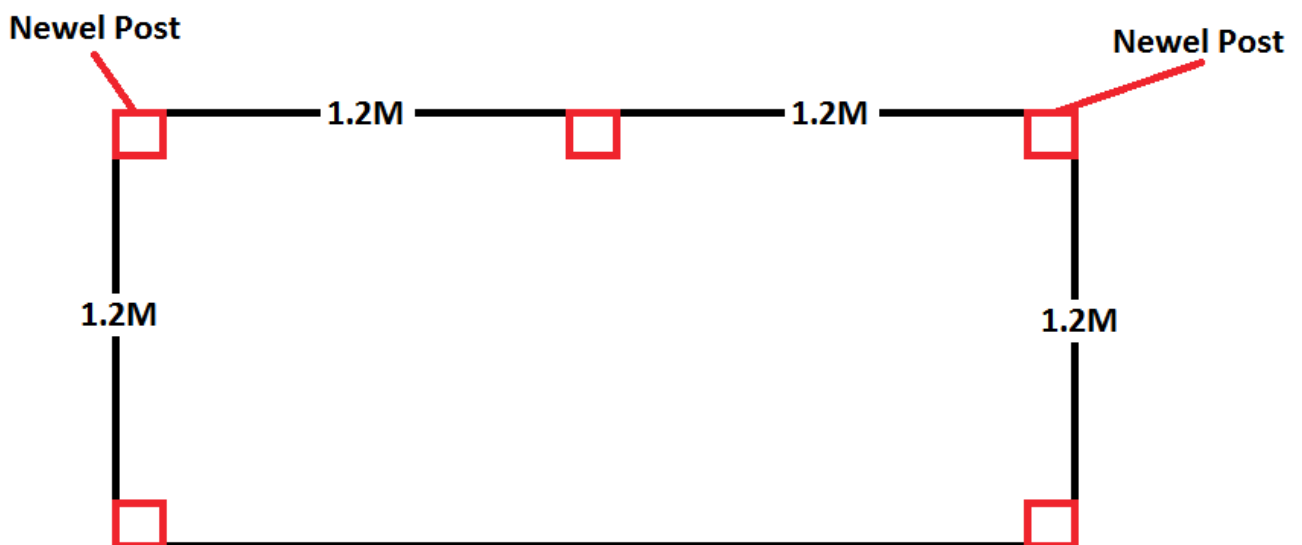
- 2.2M board = 7
- 2.8M board = 9
- 3.6M board = 12



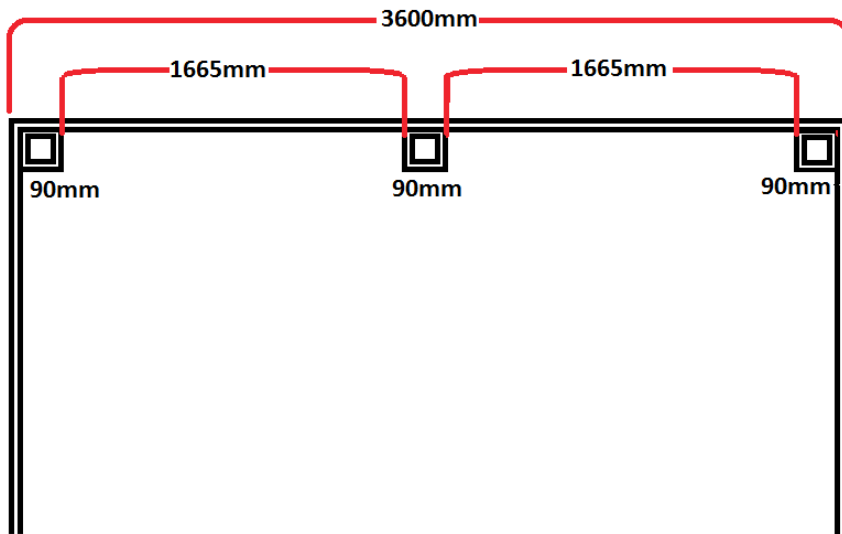
- When joining boards end to end, a 6mm gap will need to be left allowing the boards to expand and contract. If the ends are butted together then there is the danger of them expanding and bending each other.



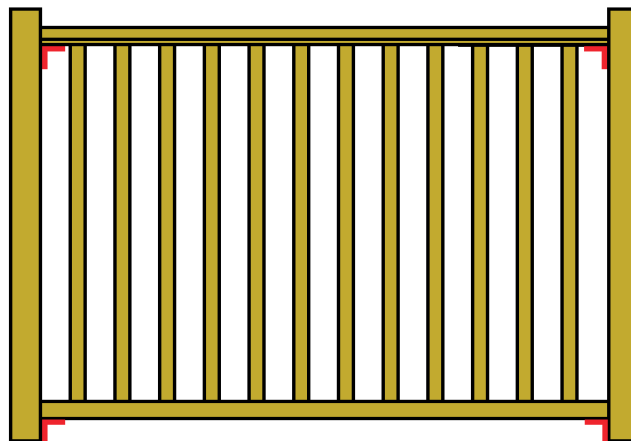
- Handrail; When calculating handrail for a composite deck, the newel posts should be set no more than 1.8m apart, preferably around 1.3M to keep it strong and sturdy and support pieces should be inserted under the bottom rail to stop any sagging.



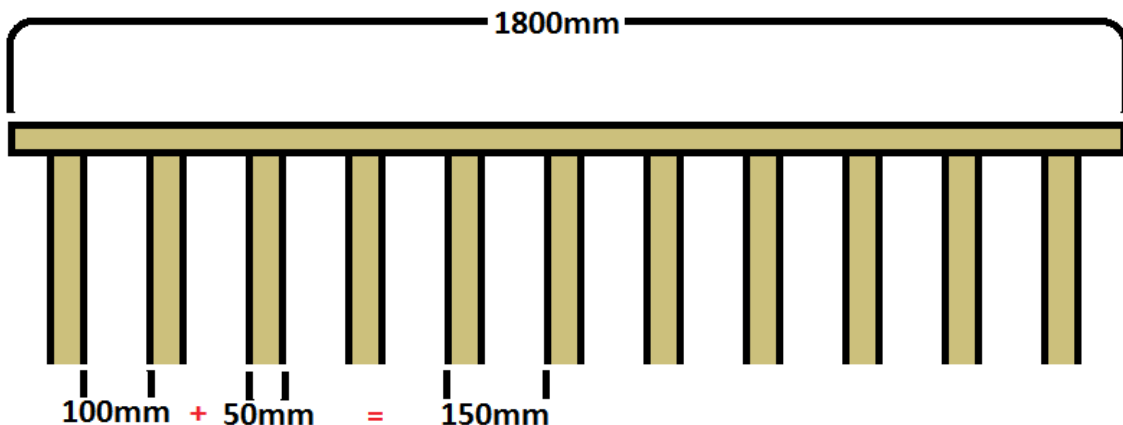
- Always remember to include the width of the newel posts and spindles when calculating for the materials, this keeps cuts down to a minimum



- Handrails should be fitted using handrail brackets.



- Spindles: When working out the quantity of spindles required, remember to include the size of the spindle. We generally recommend a 100mm gap between the spindles so by using the combined measurement of both the spindle and the gap,



$$1800 / 150 = 12$$

- **Types: We stock two types of composite decking -**

**1. Standard WPC (wood plastic composite) boards.**

These are **140mm x 25mm**, they are a hollow board with a woodgrain pattern on one side and grooves on the other. These are available in **2.2, 2.8** and **3.6M** lengths in

**Slate**

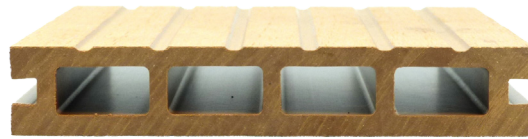
**Silver Ash**

**Teak**

**Ash**

**Chocolate**

**Terracotta**

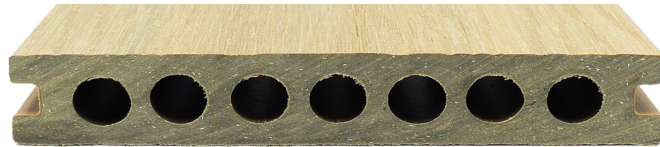


**2. Premium WPC boards.**

They come in **138mm x 22mm** and are also a hollow board but have smaller holes meaning that they have substantially more material throughout than the standard board. They are a co-extruded board and have a polyurethane coating which offers better resistance against staining and fading.

These are available in **2.2, 2.8** and **3.6M** lengths in

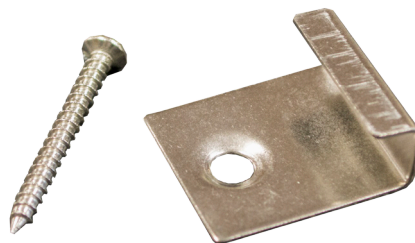
**Cedar Brown**  
**Walnut Brown**  
**Ash Grey**  
**Midnight Black**



- Our composite boards are fitted using a 'T' fixing system which are available in bags of **50** and **180** (these include free screws).



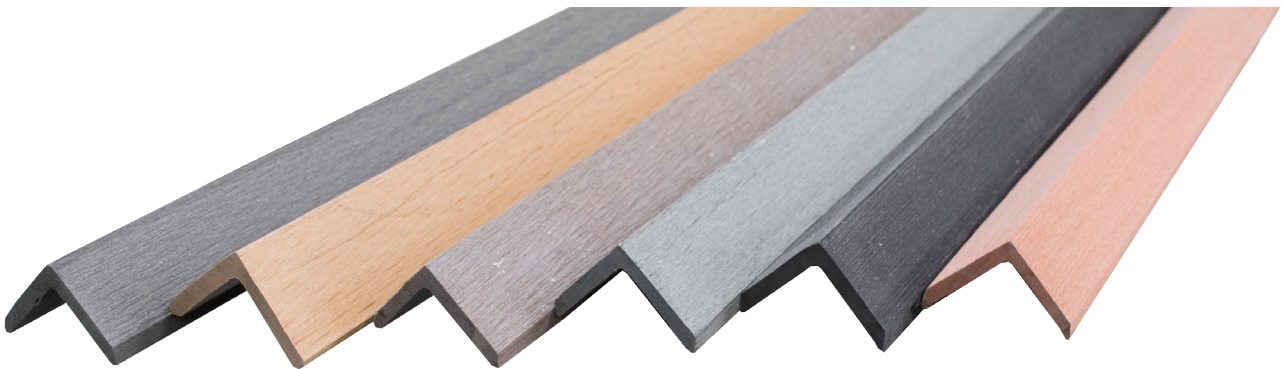
- We also supply starter clips which are available in bags of **10** (again including screws).





- When finishing off the edges of our standard composite boards, there are two types of trim available:

1. A 90° trim to cover the top and side of the deck when using a standard deck board to fascia off the sides. This will cover the end of whichever deck board is exposed. These are available in all colours and is in lengths of **2.2m** and **2.8M**. They measure **40mm x 40mm**



2. We also have flat fascias available in all six colours. These are used to cover the side of the deck and finish off by covering the open end of the boards. These measure **70mm wide x 10mm thick x 3.6M long**.



- **Premium Fascia:** These are available in the four premium colours and in **2.2, 2.8** and **3.6M**.

**Attach them by screwing through the face of the fascia and using a screw cap to hide the head of the screws.**



- **Handrail:** We stock all of the components associated with the handrail.

**Available are:**

- **Newel posts (2.4M)**
- **Newel post caps**
- **Top Handrail (1.8M)**
- **Base Handrail (1.8M)**
- **Spindles (900mm)**
- **Spindle fixing inserts (2x per spindle)**
- **Hadrail brackets (Stainless steel, Brown, Grey, Black)**

**All of the above are available in:**

**Slate**

**Silver Ash**

**Chocolate**

**Teak**

**Ash and**

**Terracotta.**