

## CASTLE COMPOSITES LTD

### Safety

When dealing with any type of construction project, it is necessary to wear appropriate safety equipment to avoid any risk of injuries. Castlewood recommends but is not limited to the following safety equipment when handling, cutting and installing Castlewood QuickDeck: gloves, a respiratory protection, long sleeves, trousers, and safety glasses.

### Tools

Standard woodworking tools may be used. It is recommended that all blades have a carbide tip.

### Environment

A clean, flat, smooth surface is needed to install Castlewood QuickDeck correctly. If installation does not happen immediately, Castlewood needs to be stored on a flat surface at all times. Never ever should it be stored on a surface that isn't flat.

### Layout

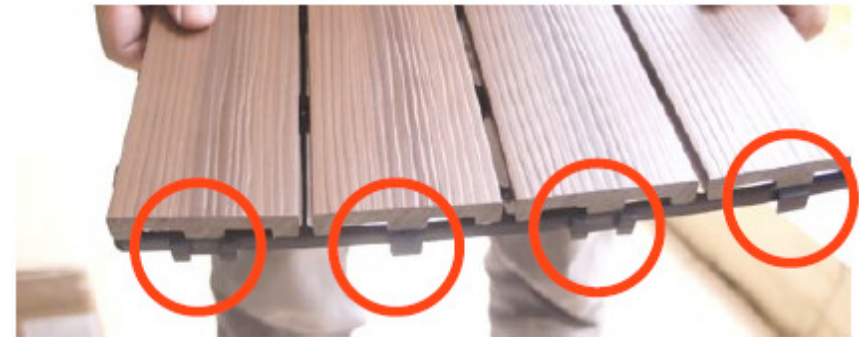
Before installing Castlewood QuickDeck, always make sure that you are installing it on a clean, smooth, flat surface as shown in diagram 1. Castlewood QuickDeck cannot be installed on areas such as dirt, soil, or raised structure; it must be laid out on a flat, solid surface.

When laying on flat roofs or balconies a rubber protection layer **MUST** be installed to protect the waterproofing membrane. Contact us for more information on the protection layer.

## CASTLEWOOD QUICK DECK INSTALLATION GUIDE



**Diagram 1**



**Diagram 2**

## Installation

Castlewood QuickDeck is relatively easy to install using its' four side interlocking base, making it very user friendly. Each side has two male and female connectors that connect to an adjacent tile; these connectors are circled in red in diagram 2.

### Installing Tiles

1. Place the first tile in a corner or flush along the edge of the area you will be installing as shown in diagram 3.
2. Next, take another tile and determine which type of pattern/style you like. Vertical is shown in diagram 4 and horizontal is shown in diagram 5.

**Pro Tip: Play around with different patterns to give your deck a unique look.**

3. Now take the second tile and align the connectors up with the first tile as shown in diagram 6.
4. Then attach the first two connectors into each other as shown in diagram 7. You might need to lift up one of the tiles to get a better grip.
5. Finally, attach the last two connectors and push down to lock everything into place as shown in diagram 8.
6. Repeat steps 1 - 5



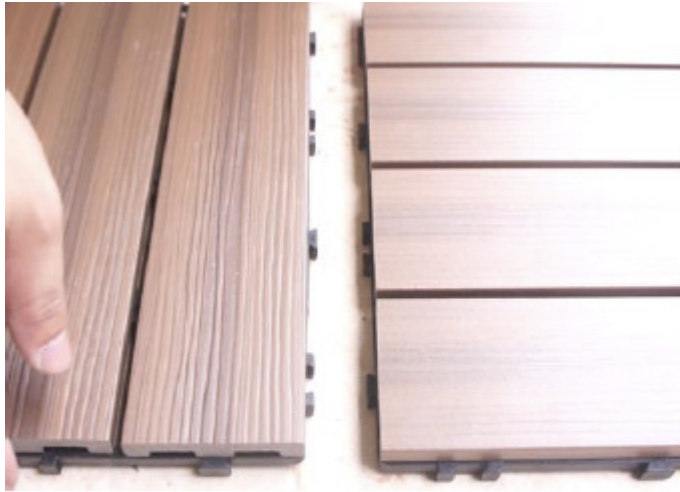
**Diagram 3**



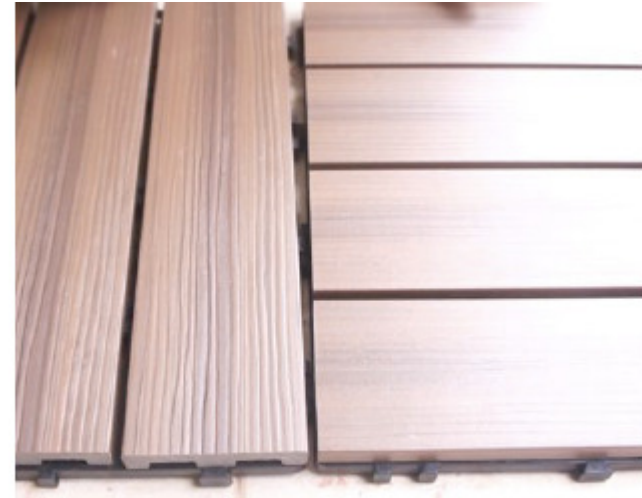
**Diagram 4**



**Diagram 5**



**Diagram 6**



**Diagram 7**



**Diagram 8**

Installation (Continued)

Removing Tiles

1. If a tile needs to be removed, the best way to go about it is to first have one hand grip one tile's edge and the other to be on the adjacent tile as shown in diagram 9
2. Next with the hand gripping the tile pull upwards toward your body while the other hand pushes down on the adjacent tile as show in diagram 10.
3. Continue to pull with the gripped hand until finally all connectors are separated from the adjacent tile as shown in diagram 11.



**Diagram 9**



**Diagram 10**



**Diagram 11**

## Cutting

Cutting Castlewood QuickDeck is simple and quick. Just remember when cutting that you need a carbide tip blade.

## Corners and Edges

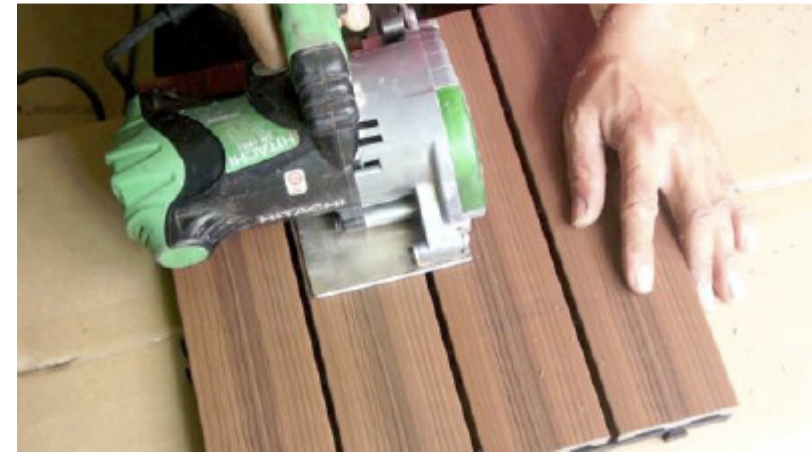
1. First measure the corner/ edge that will need to be cut, as shown in diagram 12.
2. Next, take the piece and redraw the measured area that you will be cutting into the Castlewood QuickDeck.
3. Then, take your QuickDeck and cut either with a circular saw, table saw, hand saw, or jigsaw. Always remember to use a carbide tip blade on these tools as shown in diagram 13 & 14. The final piece we cut for this corner is shown in diagram 15.

**Note: Before cutting, always turn the QuickDeck over and make sure that the cut lines you have marked on the QuickDeck do not cross over any screws on the back. Never should you be cutting through the screws. If your lines cross over these screws first remove the screws and then cut the QuickDeck.**

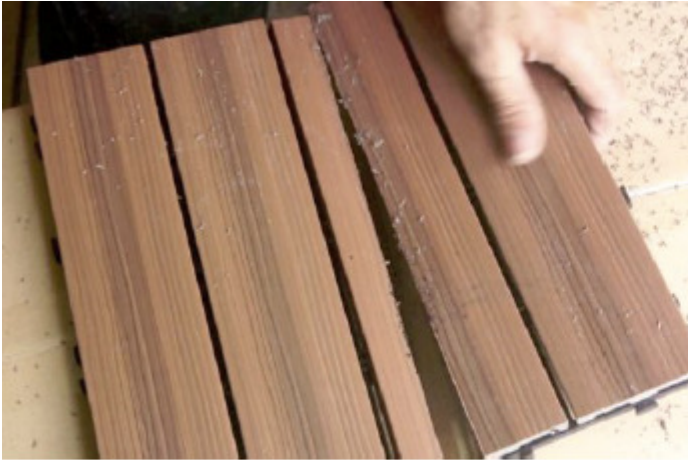
4. Now, take the QuickDeck and sand down the aides of the cuts to make them smooth, as shown in diagram 16.
5. Finally, put the finished piece in its corner/ edge, as shown in diagram 17.
6. Repeat steps 1 – 5 for any other corners/ edges.



**Diagram 12**



**Diagram 13**



**Diagram 14**



**Diagram 15**



**Diagram 16**



**Diagram 17**

