

# TREKKER

## COMPOSITE DECKING

### Installation Guide

Below is the relevant information required to achieve a successful installation of the Trekker Raised Decking System prior to the installation of Trekker decking products. Please read these instructions carefully to ensure your decking system is installed correctly and fully warranted.

#### Installation Materials and Tools

- String/Laser Line
- Saw
- Level
- Cordless Screwdriver (for some applications)

#### Determining Quantities

Trekker Decking systems utilise joists spaced at centres of 300mm (measurement A in image1). Pedestals must be placed at no greater distance than 600mm along the joist length (measurement B in image 1).

#### Joist/Pedestal Layout

There are two key points to consider when determining the layout of Joists and Pedestals:

1. Where header joints are present in the layout of the Trekker decking material, a double joist layout must be present in order to support the end of each decking plank.
2. Where joists are to be joined with a connector (image 2), pedestals must be placed directly either side of the connection to fully support the joint.

Image 1

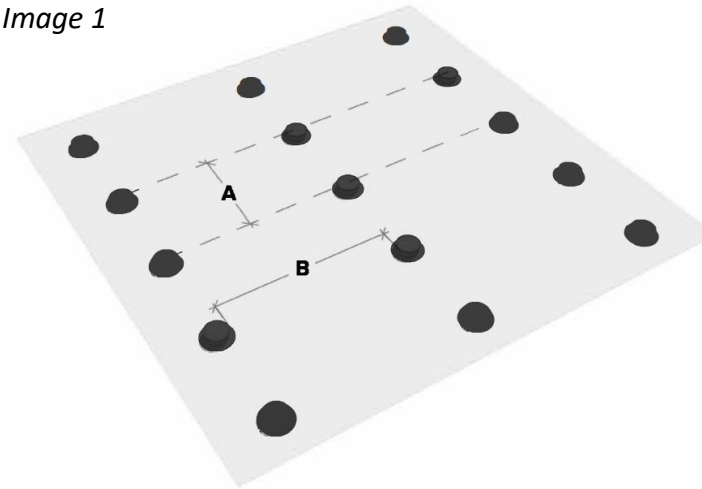
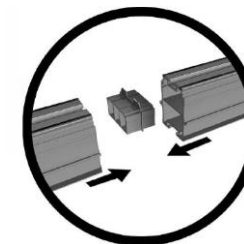


Image 2



## Adjusting the Pedestals

All sizes of Trekker pedestals have an adjustable base which can be rotated to compensate for level variation (image 3). It is important to ensure that there is a 1% longitudinal slope on the Trekker decking surface to allow run-off and prevent standing water.

Image 3



## Installing the Joists

Click the pedestal top plates (image 4) to the pedestals and align them so that the fixing point follows the directional lay of the joist. Now place the joist onto the pedestals. Once the joist is in position, rotate the top plates by 90° to secure the joist to the top of the pedestal, ensuring that the T-profiled fixing point on the top plate is fully engaged to the profiled underside of the joist.

WPC joists may not be used with the raised decking system.

Image 4



## Joining the Joists

In smaller areas it may be necessary to place noggins (image 5) between the joists to maintain the layout during installation. 90° connector clips are available for this purpose. Where a perimeter frame is to be positioned on larger or more complex installations, angled joint connectors are available to accommodate angled junctions between joists (image 6).

Image 5: Noggins



Image 6: Joint Connector



## Installing the Clips

Only the first row of starter clips require fixing to the Trekker Aluminium joist system. A suitable self-tapping screw for external use should be used to hold the position of the starter clips (image 7).

Once the first row of clips are fixed, position the first row of Trekker decking and then slide the mounting clips (image 8) into the top profile of the joist. Ensure that clips are installed between Trekker planks with the incorporated V-shaped spacer element open and not compressed so that expansion is not restricted.

Image 7: Start Clips



Image 8: Mounting Clips



## Timber Bearer Installations

If timber bearers are to be used in place of aluminium joists, use the timber bearer connector top plates (image 9) to the pedestals.

Align the bearers centrally on the pedestals and then screw-fix through bearers into the eyelets in the top plate.

Anchor the perimeter with metal starter clips (image 11), screw-fixed to the bearers. Use screw-fixed clips (image 10) between Decking planks in the same manner as the mounting clips above, ensuring that incorporated V-spacers are not compressed.

Image 9



Image 10



Image 11



## Completing the Installation

Continue as above and as per the Trekker Decking Installation Guide until the whole deck has been installed. *N.B. Be sure to leave the correct spacing to the perimeter and between short-end joints in the decking.*

End Caps for Aluminium joists are available where required as well as vertical fascias, nosings (image 12) and other finishing details. Please consult the Deck Book or contact Havwoods for full details.

Image 12



## Handling and Hazards



### **Sharp Corners and Edges**

*Wear Gloves*



### **Be Safe!**

*Wear high visibility clothing, hard hats and any other PPE required on site*

## Disclaimer

These instructions are for guidance only and the installer is responsible to use their discretion to install the products in the best possible way for their respective application. Havwoods will not be held liable for product failure or poor performance as a result of poor quality installation. If any errors are found in this guide please email us at [info@Havwoods.co.uk](mailto:info@Havwoods.co.uk)

More information and supporting documentation on all Havwoods decking can be found at [Havwoods.co.uk](http://Havwoods.co.uk) or in the Deck Book.

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