



RoofTray + Joists

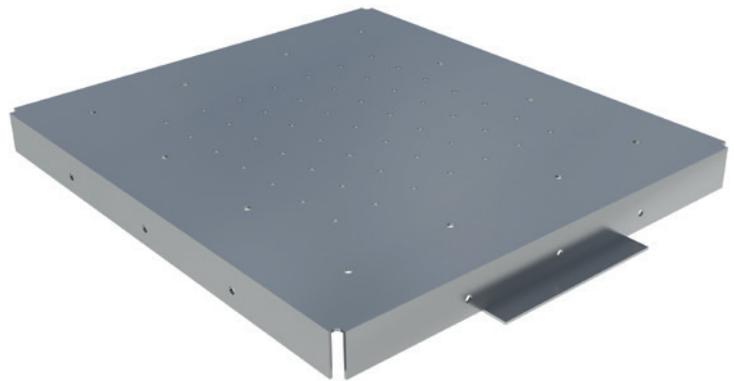
RoofTray used in conjunction
with Raaft aluminium joists

Installation Guide

Reference: IG-RTJ-0318

Tools Required

- ✓ String line/Laser line
- ✓ Saw
- ✓ Level
- ✓ Cordless screwdriver
(for some applications)
- ✓ Angle grinder/ hacksaw
(for some applications)



1

Layout pedestals

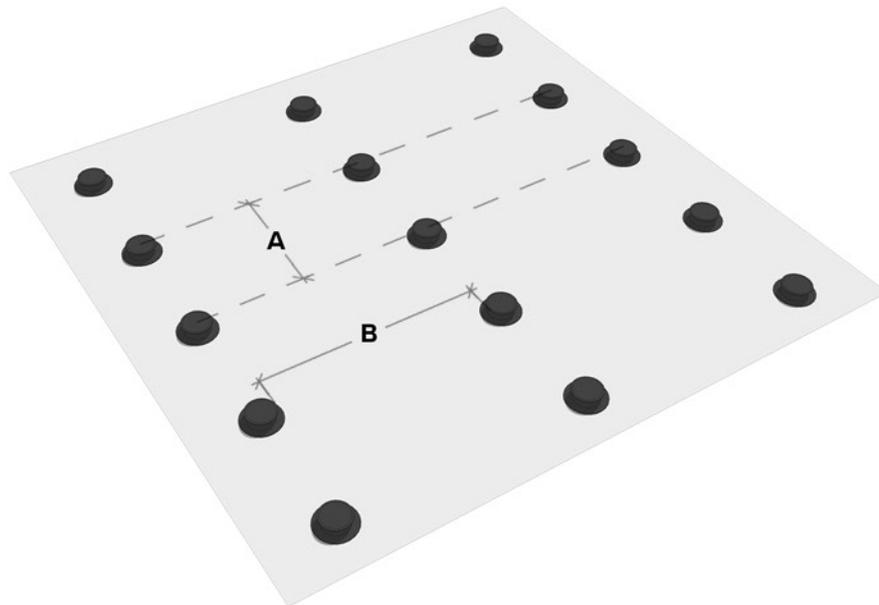
Ensure dimension A matches centres required for Kinley product e.g. Terrafina decking, Atria tile or RoofTray.

Ensure dimension B meets the requirements of the chosen joist:

50mm Joist - 900mm maximum unsupported span between pedestals

80mm Joist - 1500mm maximum unsupported span between pedestals

Both Joist sizes can cantilever a maximum of 300mm.



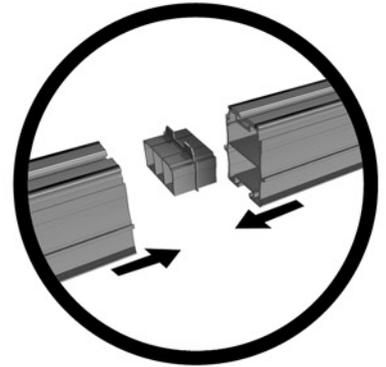
Notes

- See the SpiraPave and VersiJack installation Guide (IG-SPVJ) for detailed information on quantifying, positioning and installation of pedestals.

2

Lay Joists

Join Joists where required using Joist Connectors. Position Joists onto pedestals, check levels and secure using the Joist Locking Piece or Bearer Holder.



2.1

Optional stage (Install noggins)

For small areas noggins can be installed at both ends of each Joist using 90° Connector Clips, as shown below. For larger areas, install noggins at one end of each joist, if required.



Note

- Use the Angle Connector if installing at an angle other than 90° (e.g. to lay cut tiles).

Want more help?

Simply contact our technical support team on **01580 830688**

3

Lay RoofTrays on Joists.

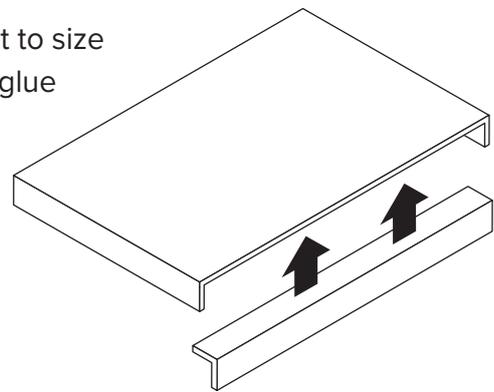
Install RoofTray onto Joists and in accordance with the specific product's Installation Guide. Fix planters or lay surfacing as required



4

Cutting RoofTrays.

In some instances RoofTray will need to be cut to size using an angle grinder or hacksaw. Ensure to glue a 45 x 45mm galvanized angle on the edge of tray as demonstrated.



Handling and hazards



HEAVY SEGMENTS!

Requires two persons to lift each segment – or mechanical lifting device.



HEAVY ITEMS!

Wear steel toe protection.



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. Kinley Systems 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 sales@kinley.co.uk.

SUPPORTING DOCUMENTS

More information on the RoofTray products can be found at www.kinley.co.uk in the Resource Centre. In particular, look for the CAD Drawings, Data Sheets and the Terrace Book.

Want more help?

Simply contact our technical support team on **01580 830688**

Northpoint, Compass Park, Staplecross, E.Sussex TN32 5BS

e: sales@kinley.co.uk

www.kinley.co.uk

Kinley 

INSPIRED PLACES MADE POSSIBLE

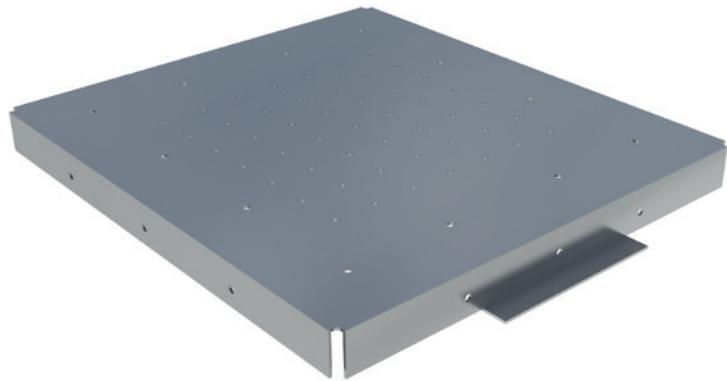


Installation Guide

Reference: IG-RTP-0318

RoofTray + Pedestals

RoofTray used in conjunction
with SpiraPave + VersiJack height
and slope adjustable pedestals



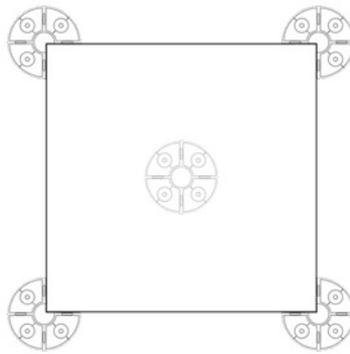
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- ✓ String line/Laser line
- ✓ Saw
- ✓ Level
- ✓ Cordless screwdriver
(for some applications)
- ✓ Angle grinder/ hacksaw
(for some applications)

1

Determine quantities

Measure the total area to determine the number of pedestals required. Pedestals should be positioned at all four corners of the tray. In heavy duty applications a pedestal can also be positioned in the centre.



2

Position pedestals

Use string or laser lines to mark the intersections of the corners of each tray to be laid or to mark the centre line of each bearer/joist.

Adjust any Base Slope or Top Slope Correctors to compensate for any fall in the floor slab. Fit Joists Clips and Spacer Tabs as required.



Base Slope Corrector



Top Slope Corrector



Spacer Tab

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3

Lay RoofTrays

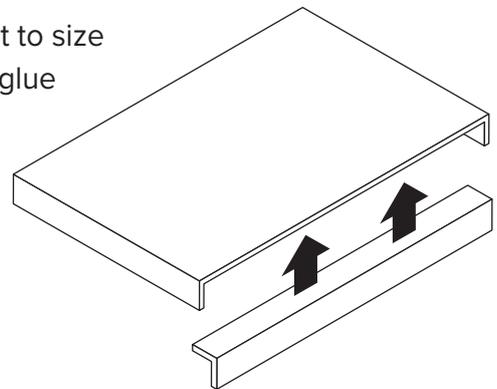
Install RoofTrays on pedestals starting from a corner and subsequent trays along a wall edge. Ensure the trays are level. Install planters or other surfacing as required.



4

Cutting RoofTrays.

In some instances RoofTray will need to be cut to size using an angle grinder or hacksaw. Ensure to glue a 45 x 45mm galvanized angle on the edge of tray as demonstrated.



Handling and hazards



BE SAFE!

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

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