

Farrino Porcelain Decking

Installing using Raaft Aluminium Joists and Fire-rated Adjustable Pedestals



Tools Required:

- ✓ Diamond blade cutting disc
- ✓ Level
- ✓ Tape measure
- ✓ String line
- ✓ Allen key (for access clips)
- ✓ Long spirit-level
- ✓ Rubber mallet

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.

System Components

Decking Boards



Decking Board Accessories



Starter Clip



Installation Clip

RaafT Aluminium Joists



30 mm height



50 mm height

Joist Accessories (50 mm)



90° degree connection clip



Angular connection clip and plug



Straight connection plug



Joist Adaptor

Fire-rated Adjustable Pedestal



Fire-rated Adjustable Pedestal Height range
15mm - 340mm*

*Height measurements include Pedestal and Connector

General information

Important information

Farrino Porcelain Decking can be cut and drilled using Diamond blade wet cutting tools. Masking to required cutting areas can minimise the occurrence of chipping to the finished edge.

Storage

Until the point of installation, the deck boards and sub-structure profiles should be stored fully packed, fully supported along their length and in a dry environment. If moisture penetrates due to damaged packaging, the wrapping should be removed completely and sufficient drying and ventilation of the profiles should be allowed. Improper storage may lead to staining and damage.

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Want more help? Contact our team
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Ref: IG-FPD-0122

1.0

Ground suitability and preparation

1.1

Ground and sub-base suitability

The ground must be stable and properly compacted. If the ground is not sufficiently stable, this may lead to instability and potential damages to the construction and persons or property thereon.

1.2

Acceptable foundations

The metal pedestals will sit on either an insulation layer or waterproof membrane on a roof, podium or balcony and the pedestals do not need to be fixed down. If you intend to install the pedestals on another foundation such as concrete, timber or MOT then please contact the **Raافت technical team** for further instructions:

technical@raافت.co

1.3

Permissible point load / area load

The distances between the sub-structure profiles described herein are designed for point loads of up to 300kgs and area loads of up to 1000kg/m². If these values are exceeded or if the bearing capacity is lower, the distances may have to be reduced where required. Misapplication may lead to damage to property or person. Please consult with an authorized stress analyst before starting the assembly.

1.4

Clean and sweep area



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2.0 Installing clip joist adaptor into top mount assembly

2.1 Clip joist adaptor into top mount assembly.
More than 5 cycles will require new joist adaptor

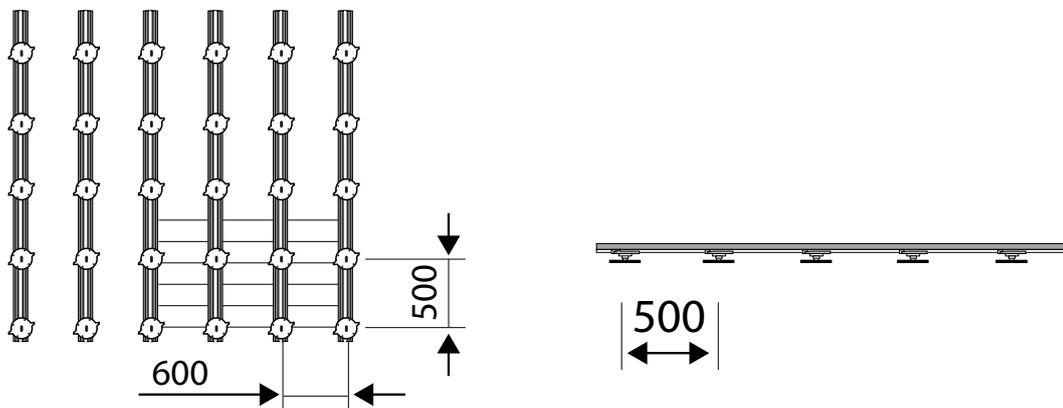


2.2 Twist connector clockwise into underside of joist

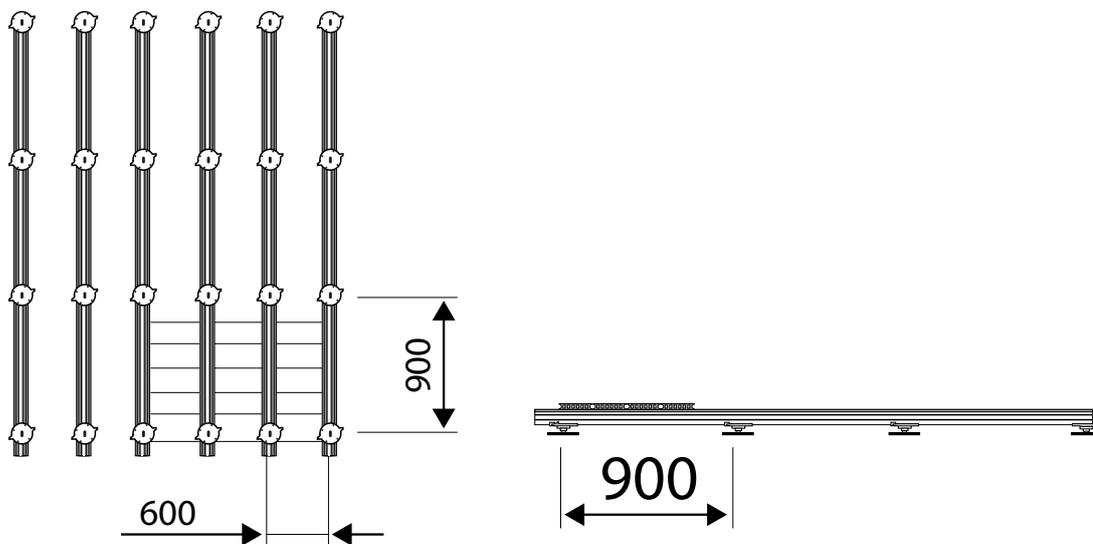


3.0 Maximum distances between supports

3.1 30mm Joist

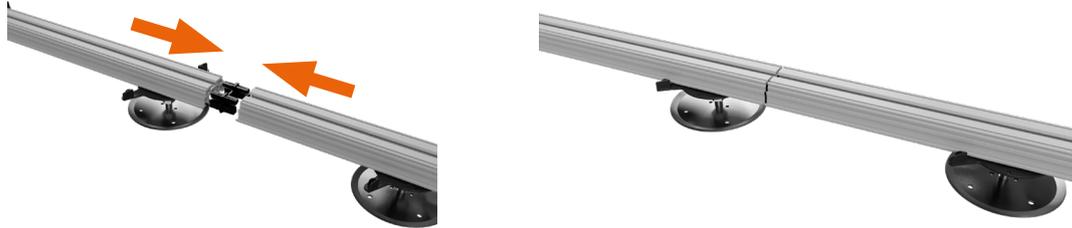


3.2 50mm Joist



4.0 Installing sub-structure joists

4.1 Abutting sub-structure profiles should be connected.



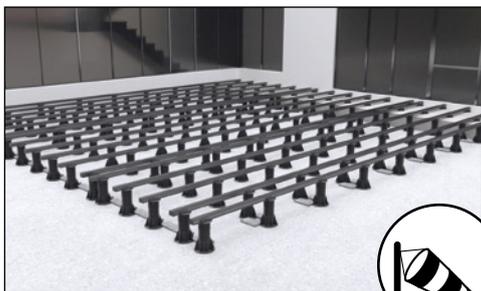
These accessories are only available in 50mm and 80mm options at present

4.2 Level joists



4.3 Wind loads

It may be necessary to provide concrete slabs all around the perimeter pedestals.



5.0 Installation of deck boards

5.1 Position and install starter clips



5.2 Lay first deck board



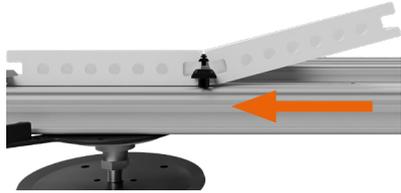
5.3 Inserting mounting clips



Insert the installation clips into the sub profile. Turn and push along the lower deck board edge. Clip may need to be tapped with a rubber mallet to secure firmly against the board

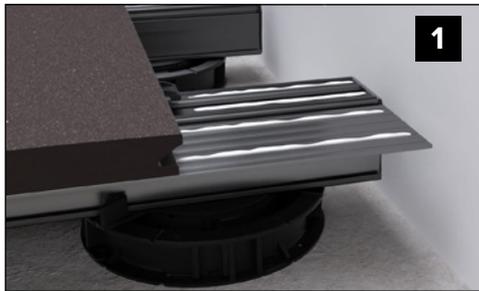
5.0 Installation of deck boards (Continued)

5.4 Lay following deck boards

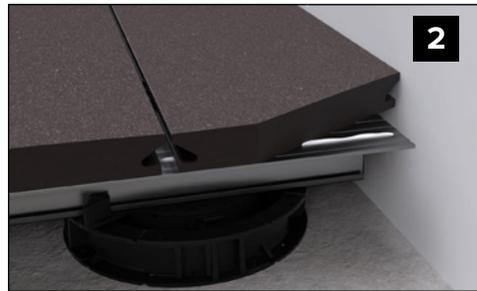


Apply the following deck boards in the same direction and an angle of approx. 15° to the installation clip and push up against the clip head. Then lower the board down and repeat across the decking area.

5.5 Mounting the last deck board (entire deck board)

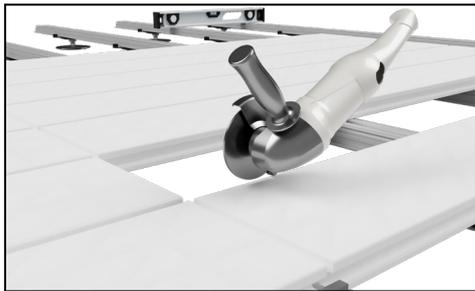


Screw last clip



Use adhesive to fix down last board

5.6 Mounting the last deck board (half board)



Boards may be cut to suit using Diamond blade



1. Screw last clip
2. Use adhesive to fix last board

6.0 Installing deck board accessories

- 6.1 Glue the WPC corner profile of the aluminium end profile using construction adhesive.



Weigh down the end profile, press on it or possibly fix it using tape, until the adhesive has set (approx. 15 min.).

WPC corner profile/aluminium end profiles



WPC corner profile



Aluminium corner profile

7.0 Removing a board with access clips

- 7.1 Use allen key to turn and unlock clip and allow board to be lifted

Turning the access clip through 90° using the allen key allows the boards to be lifted. One row of access clips should sufficient in an area that required occasional access.



8.0 Cleaning

8.1 Pressure wash Farrino boards a minimum of every 6 months to ensure the surface is kept clean and performs well.

Tough stains can be removed using warm soapy water and a stiff brush.



Care and Maintenance

Disposal

Farrino waste material may be disposed of with the regular household and/or commercial waste. Larger quantities may be disposed of with bulk waste or taken directly to an appropriate waste disposal site. If in doubt, please contact your city and/or municipal administration to discuss appropriate methods of recycling.

Validity

Our installation instructions are drawn up on the basis of current knowledge and may be adapted at any time and without prior notice. Please check if you have the most currently released version or if an update is available at www.raaft.co

Technical questions?

These installation instructions are designed for standard applications. Due to an unlimited variety of design options it is impossible to cover all possibilities. In case of specific installation variants, please also see our separate installation instructions at www.raaft.co. In case of further questions or in case additional technical details are required, please contact us by email at technical@raaft.co

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. Raaft Limited 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 technical@raaft.co



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