

Step 1: Workout your finished floor height.

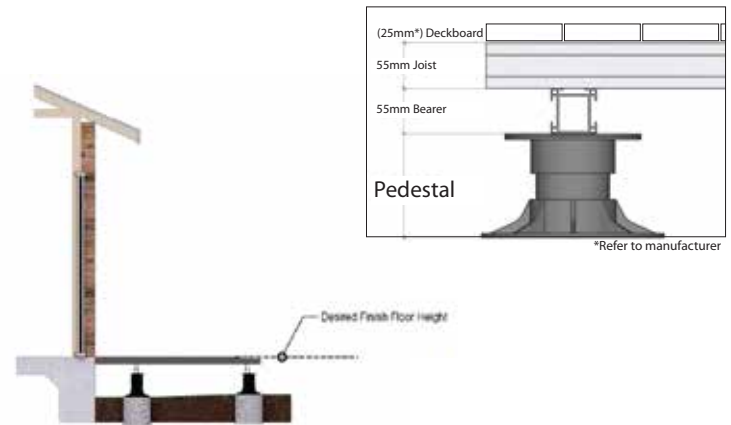
Using your desired floor level as a guide deduct the height from the Joist+Bearer+Deckboard.

eg $55\text{mm} + 55\text{mm} + 25\text{mm}^* = 135\text{mm}$

The top of first pedestal should be set to 135mm below the finished floor level.

Now using a Level / Stringline or Laser you can set the rest of the pedestal heights by using the first pedestal as a reference.
(Refer to span table for spacings between posts)

*TIP - When using pedestals on natural ground, ensure concrete pad footing is laid prior to installing pedestal.



Concrete pad footings should be installed at similar height level to each other to ensure pedestal height range can be achieved.

Step 2: Laying the Bearers.

Now that you have a level surface to lay your bearers, Lay the bearers in the same direction as your deckboards.

Place each bearer on top of the pedestal/Post and secure down with 2 screws.

(Refer to span table for spacings bearers)



Step 3: Laying the Joists.

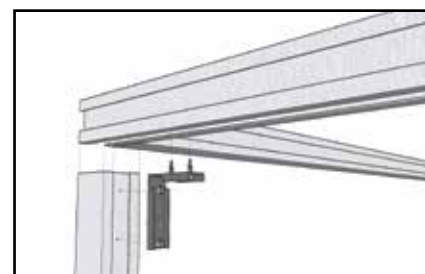
Lay the Joists on top of the bearers running the opposite direction to the deckboards. Lay the required spacing (eg 450mm) (Secure using HOLD DOWN CLIPS)
(Refer to deckboard manufacturer specifications)

If you have a perimeter joist in your design, You can create an external border first then secure each joist internally using 1x corner bracket for each join from joist to perimeter joist.



Step 4: Installing fascia board supports* (if applicable)

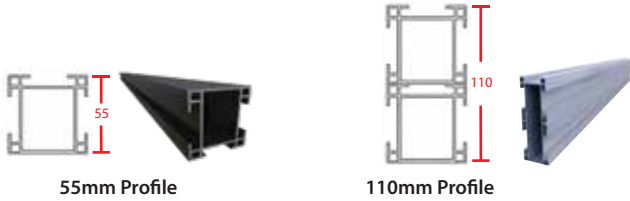
Using the CORNER BRACKETS to secure, Install the 55mm joist in the vertical position to allow fascia boards to be installed.



Aluminium Profile Information

Profile Options

Both can be used as Joists and Bearers



55mm Profile

110mm Profile

Span Information

Joist Profile / Bearer Profile	Joist Span	Bearer Span
55mm / 55mm	1200mm	1400mm
55mm / 110mm	1200mm	2200mm
110mm / 110mm	2100mm	1750mm

*Consult Span tables for more information and installation requirements.
- Subject to site specific engineering

Profile Orientation

BEARER ORIENTATION:



Flat side UP

JOIST ORIENTATION:

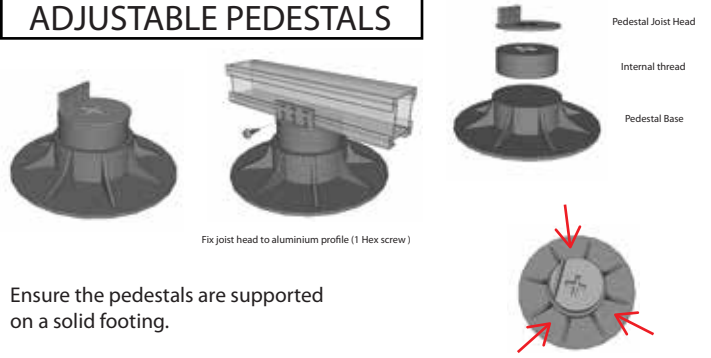


Flat side UP
Decking



Flat side DOWN
Tiling/Paving

ADJUSTABLE PEDESTALS



Fix joist head to aluminium profile (1 Hex screw)

Ensure the pedestals are supported on a solid footing.

If on natural ground, a concrete spot footing is recommended.

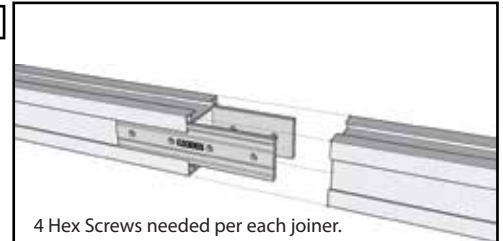
Pedestals can be fixed to ground by using masonry fixings eg. Nylon Anchors / Concrete Screws



The pedestals can be levelled by rotating to make taller or smaller.
Tip: When rotating with frame on top take weight off pedestal and rotate base

Use 2 Joiners when joining the 55mm profile

JOINERS



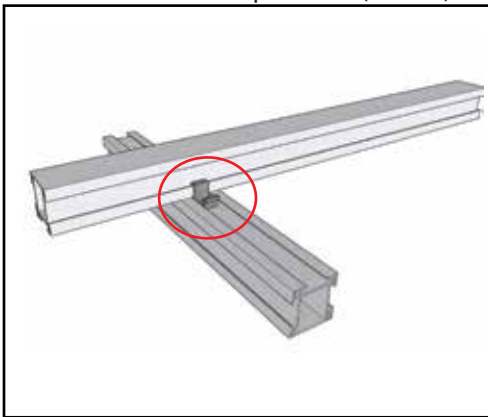
4 Hex Screws needed per each joiner.

HOLD DOWN CLIPS

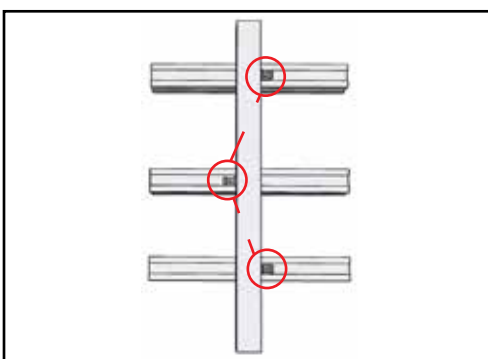
These are used to fix the Joists to the Bearers
1 Hex Screws needed per clip.



Screw the hold down clip into bearer (as shown)



Install in alternating sides of joist



CORNER BRACKET

4 Hex Screws needed per bracket.

Applications:

1. Make 90 degree angle joins with the profiles.
2. Make vertical join (for fascia bracket support).
3. Can also be bent to make your desired angled join.



Installed for 90 degree joins



Fascia bracket support detail

TIP:

When installing a low height deck, attach brackets to perimeter first.

