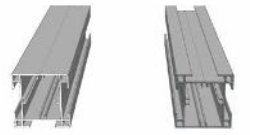
CLICKDECK®
MODULAR SUBFLOOR SYSTEM

# Component diagrams

## Profile Orientation

### JOIST ORIENTATION:



Flat side UP
Decking

Flat side DOWN
Tiling/Paving

### BEARER ORIENTATION:

Flat side UP

Design Guide

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## SPAN TABLES (2KPA)

2.5 Kpa / 1.8 PL - Standard Residential
(Standard loading - ~3 People per SQM)

JOIST SPACING: 450mm

| JOISTS | | |
|---|---|---|
| PROFILE | SPAN | CANTILEVER |
| 28x50 | 600/700* | 200 |
| 55x55 | 1050/1200* | 300 |
| 110x50 | 1900/2100* | 500 |

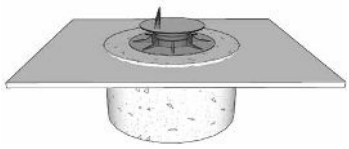
| 28x50 - BEARER | | |
|---|---|---|
| JOIST SPAN | BEARER SPAN | CANTILEVER |
| 600 | 600/700* | 200 |
| 1000 | 550/650* | 200 |
| 1200 | 550/650* | 200 |
| 1500 | 550/650* | 150 |
| 1900 | 550/650* | 150 |
| 2100 | 500/650* | 150 |

| 55x55 - BEARER | | |
|---|---|---|
| JOIST SPAN | BEARER SPAN | CANTILEVER |
| 600 | 1200/1200* | 300 |
| 1000 | 1150/1200* | 300 |
| 1200 | 1100/1200* | 300 |
| 1500 | 1050/1150* | 250 |
| 1900 | 950/1050* | 250 |
| 2100 | 950/1000* | 200 |

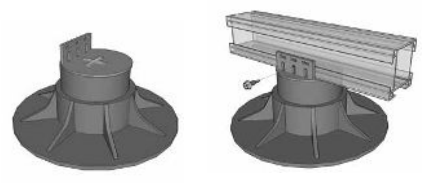
| 110x50 - BEARER | | |
|---|---|---|
| JOIST SPAN | BEARER SPAN | CANTILEVER |
| 600 | 2400/2600* | 500 |
| 1000 | 2150/2400* | 500 |
| 1200 | 2050/2200* | 500 |
| 1500 | 1900/1950* | 400 |
| 1900 | 1700/1750* | 400 |
| 2100 | 1600/1650* | 400 |

- Minimum back span length to be 4 times of the overhang length
- *Continuous Span

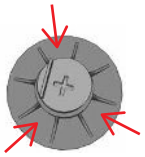
## ADJUSTABLE PEDESTALS



Ensure the pedestals are supported on a solid footing.



Fix joist head to aluminium profile (1 Hex screw )

Pedestals can be fixed to ground by using masonary fixings eg, Nylon Anchors / Concrete Screws

### FX SERIES

FX0 (10-25mm)
FX1 (25-40mm)
FX2 (40-70mm)
FX3 (60-100mm)
FX4 (90-160mm)
FX5 (150-270mm)

### PP SERIES

FX0 (10-25mm)
PPA (24-35mm)
PPB (33-47mm)
PPC (45-70mm)
PPD (65-110mm)
PPE (95-190mm)
PP E1 (185-325mm)
PP E2 (260-440mm)

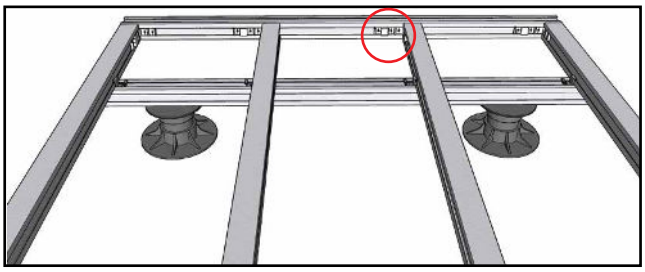
If on natural ground, a concrete spot footing is recommended.

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**

## CORNER 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.

4 Hex Screws needed per bracket.

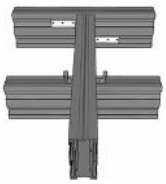


55 PROFILE

Joist to perimeter joist
(Non direct load bearing)

Vertical Joins
(Allows fascia joists supports to be attached)

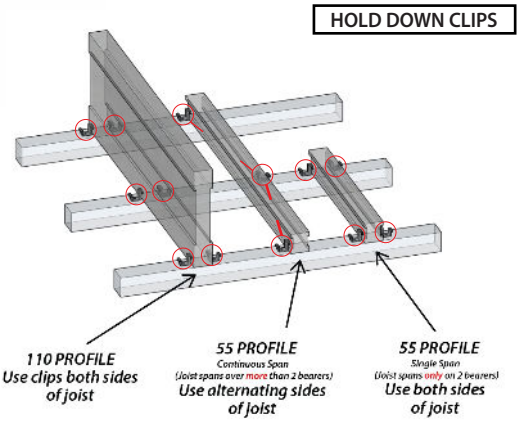
110 PROFILE



Joist to perimeter joist
Non direct load bearing
(2 per join)

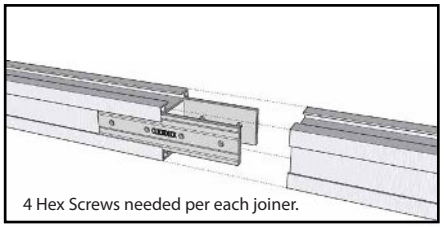
Joist to intergrated bearer
Load bearing connection
(4 per join)

## HOLD DOWN CLIPS



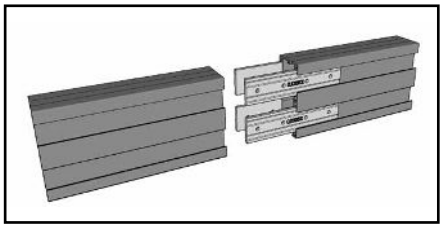

## JOINERS

Use 2 Joiners when joining the 28/55mm profile



4 Hex Screws needed per each joiner.

Use 4 Joiners when joining the 110mm profile



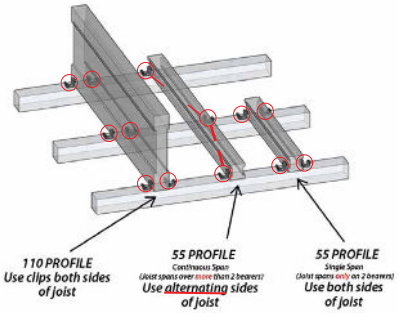
# 55PROFILE (SHOWN)

# TYPICAL BEARER/JOIST LAYOUT

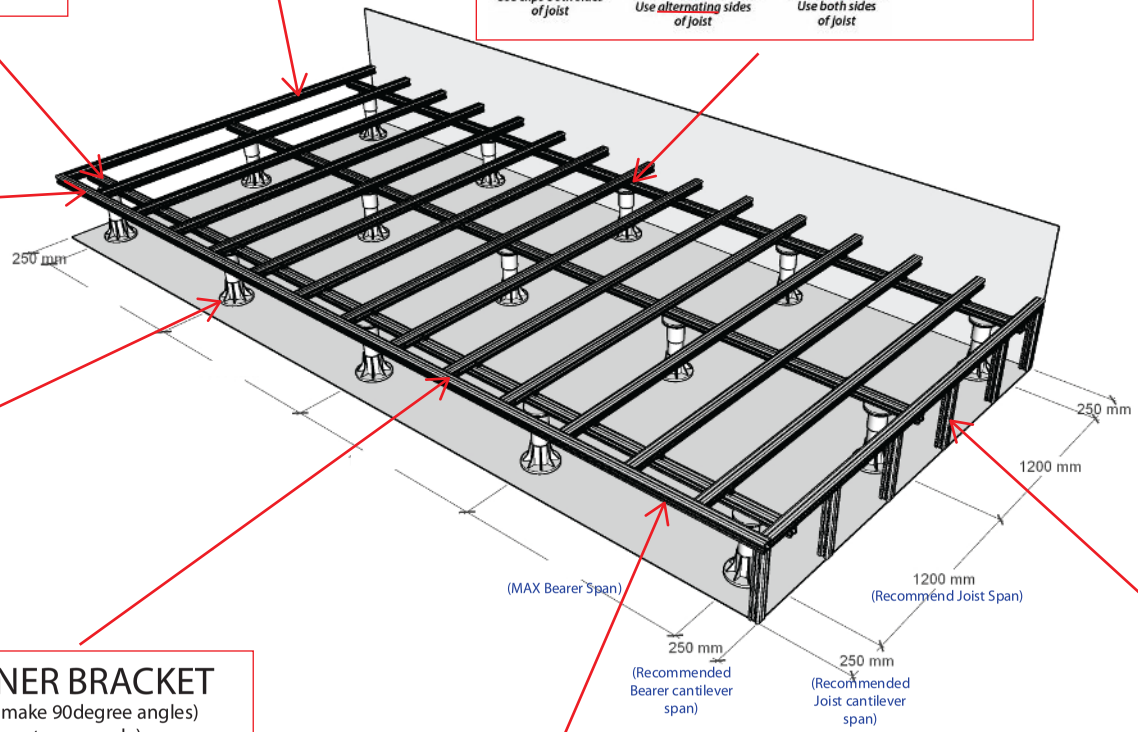

## JOIST
(Supports the deckboard)

## BEARER
(Supports the joist)

## HOLD DOWN CLIPS
(Holds the Joist to the bearer)




## PERIMETER JOIST
(Braces / links the joists together)

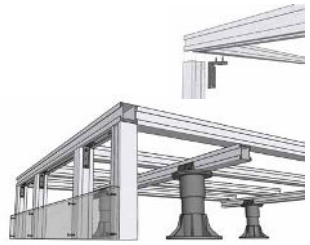



## TILE RUBBER STRIP
Only used when installing pavers on deck.
(Rubber strip clicks into joist)

Go to Paver installation section for more information

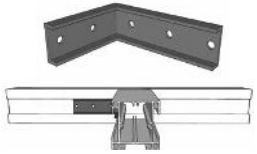
## PEDESTAL / POST SUPPORTS
(Height adjustable deck supports )

## FASCIA JOIST SUPPORT
(Allows fascia boards to be attached to the deck)
1. Corner bracket installed under perimeter joist
2. 55Profile installed in vertical position



## CORNER BRACKET
(Used to make 90degree angles)
(Bent to create any angle)
(1 per connection - 2 per pack)

Installed at the connection of joist to perimeter joist



## JOINER
(Used to extend the length of the aluminium)
(2 per connection - 6 per pack)
(Only needed if longer than 6m length)