CLICKDECK®
MODULAR SUBFLOOR SYSTEM

Component diagrams

Profile Orientation

JOIST / BEARER ORIENTATION:

Flat side
UP

Design Guide

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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

SPAN TABLES (2KPA)

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
- Alu261223

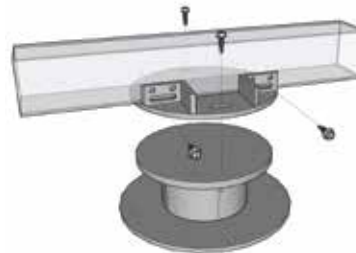## ADJUSTABLE PEDESTALS

Ensure the pedestals are supported
on a solid footing.

FX SERIES

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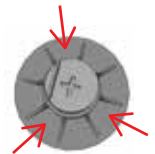FX2 (40-70mm)
FX3 (60-100mm)
FX4 (90-160mm)
FX5 (150-270mm)

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)

Fix joist head to Pedestal (2 Hex screws)
Fix joist head to Joist (2 Hex screws)

Pedestals can be fixed to ground by using masonary 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
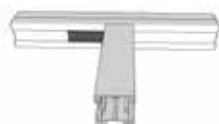take weight off pedestal and rotate base**

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.
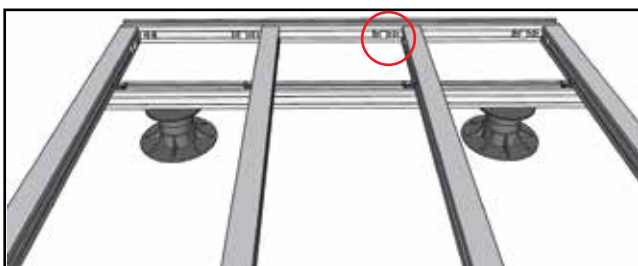
55 PROFILE

Joist to perimeter joist
(Non direct load bearing)

Vertical Joins
(Allows fascia joists supports to be attached)

110 PROFILE

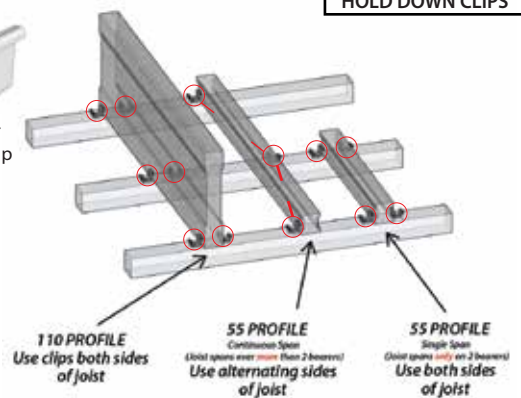Joist to perimeter joist
Non direct load bearing
(2 per join)

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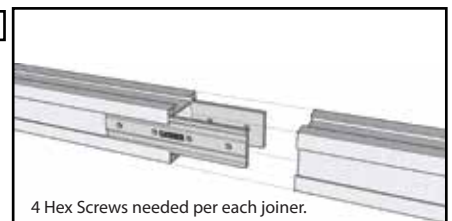

HOLD DOWN CLIPS

2 Screws per
hold down clip

110 PROFILE
Continuous Span
Use clips both sides
of joist

55 PROFILE
Joist spans over more than 2 bearers
Use alternating sides
of joist

55 PROFILE
Single Span
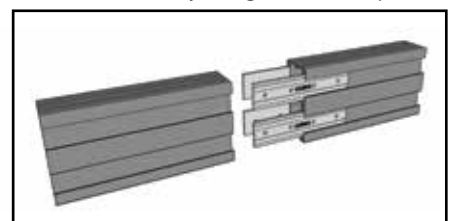Joist spans only on 2 bearers
Use both sides
of joist

Use 2 Joiners when joining the 28/55mm profile

JOINERS

4 Hex Screws needed per each joiner.

Use 4 Joiners when joining the 110mm profile

TYPICAL BEARER/JOIST LAYOUT

55PROFILE (SHOWN)

28 Profile

55 Profile

110 Profile

PERIMETER JOIST
(Braces / links the joists together)

BEARER
(Supports the joist)

JOIST
(Supports the deckboard)

PEDESTAL / POST SUPPORTS
(Height adjustable deck supports)

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)

HOLD DOWN CLIPS
(Holds the Joist to the bearer)
(1 clip per connection - 25 per Pack)

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

TILE SPACER
Only used when installing pavers on deck.
Fix down to joists to secure pavers to joists.

Go to Paver installation section
for more information

250 mm

1400 mm

1400 mm

1400 mm

1200mm
(MAX Bearer Span)

250 mm
(Recommended
Bearer cantilever
span)

250 mm
(Recommended
Joist cantilever
span)

1200mm
(Recommend Joist Span)

1200 mm

250 mm