

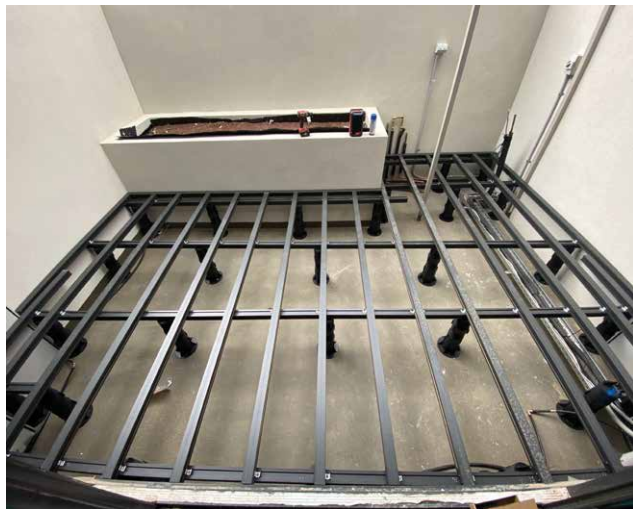
# CLICKDECK®

BY EXOLUX

MODULAR ALUMINIUM SUBFLOOR SYSTEM

# CLICKDECK®

MODULAR SUBFLOOR SYSTEM



AVAILABLE AUSTRALIA WIDE

Follow us on:



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3178

EXOLUX  
MODULAR SUBFLOOR SYSTEMS

BUILD FASTER, BUILD SMARTER WITH CLICKDECK®

# MODULAR ALUMINIUM SUBFLOOR SYSTEM



# ALUMINIUM SUBFLOOR SYSTEM

## WHY CHOOSE AN ALUMINIUM SUBFRAME OVER A TIMBER SUBFRAME?

Clickdeck is made from Australian marine grade aluminium. It has been engineered and designed specifically for the support of both natural timber boards and composite decking.

A timber subframe is very susceptible to issues with moisture ingress which inturn causes warping, bowing and premature failure of the subframe.



2 year old H3 deck frame  
on concrete



5 Year old deck frame



Clickdeck Aluminium Subframe

## BENEFITS OF THE CLICKDECK SYSTEM

- **Longevity**, Marine grade powdercoated aluminium will far outlast any timber subframe and does not rust like steel.
- **Low height solution**, As per BCA (Building code of Australia) Vol 2 there must be a minimum ground clearance of 150mm to the underside of any **timber structure** using H3 or less treatment.
- **Faster installation**, building with an engineered system that has been designed to connect together and build faster allows projects to run quicker and on budget.
- **Spans**, Aluminium is a much stronger building material than timber which allows for greater comparative spans.
- **Termite proof**, Timber decking is usually the first attraction to termites, remove that risk with an aluminium subframe.
- **Non combustibile frame system**, Perfect for bushfire rated areas and external building projects.

CLICKDECK IS THE LONGEST LASTING SUBFRAME SYSTEM ON THE MARKET.

### SURFACE CAPABILITY:

- Composite decking (compatible with all brands)
- All natural timber decking boards
- Structural tiles and pavers
- Yellow tongue flooring / structural flooring
- Synthetic grass
- Enquire for other surface capabilities

### PRODUCT SUPPLY:

- Loose supply - Cut onsite
- Stock lengths : 2.4m, 3.6m, 4.8m, 6m
- Kit form cut to customer lengths.

### SERVICE AND SUPPORT:

- Estimating service
- Full design service
- In house engineering and construction drawings
- Fast manufacturing lead times
- Australia wide delivery
- Onsite assistance and installation



DESIGN GUIDE

FOR MORE INFORMATION ON INSTALLATION

Australian Standards compliant : AS1164.2 , AS1170

Minimum Build height : 30mm incl support



28 Profile



55 Profile



110 Profile



Pedestal supports



Post supports

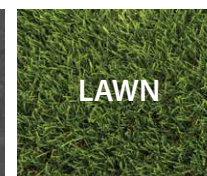
COMPATIBLE SURFACES



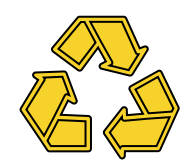
DECKING



PAVING



LAWN



POWDERCOATED IN  
TEXTURA MONUMENT

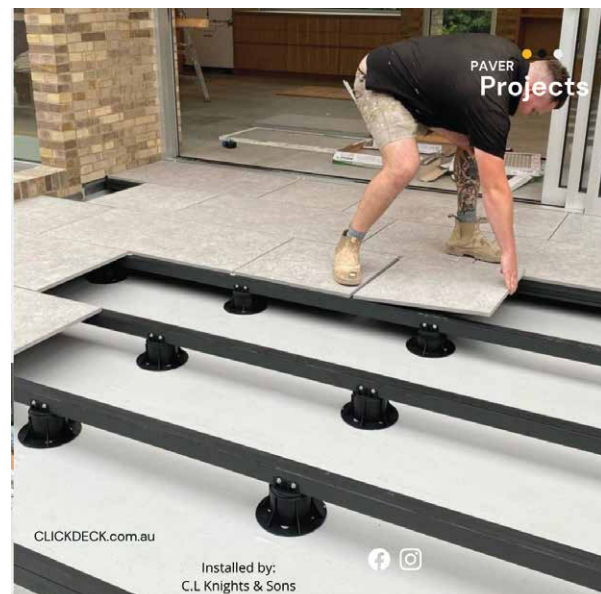
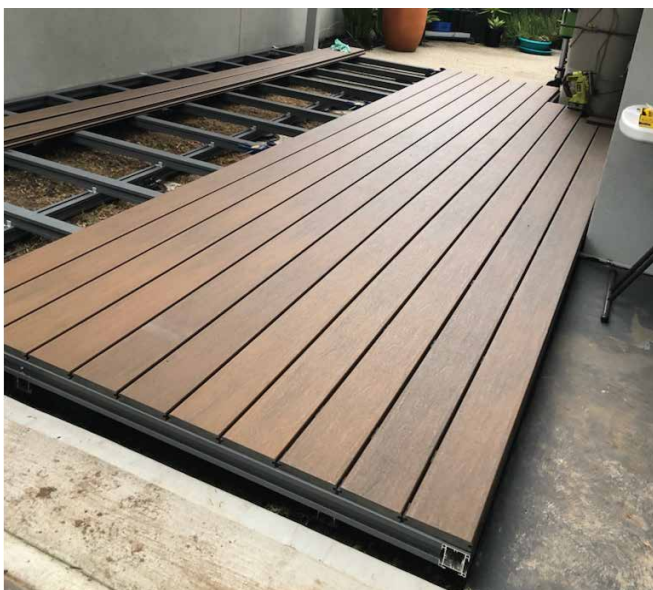




## APPLICATIONS

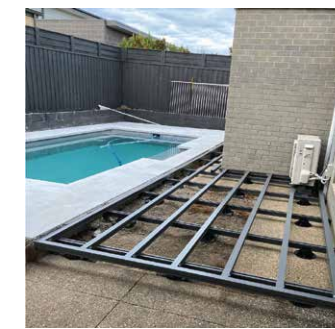
### RESIDENTIAL AND COMMERCIAL APPLICATIONS

- Decking subfloor
- Tile support system (does not penetrate waterproof barrier)
- Temporary flooring solution / Event flooring solution
- Shed subfloors
- Disabled ramps
- Raised floor system / Raised access floors



## PROJECT PICTURES

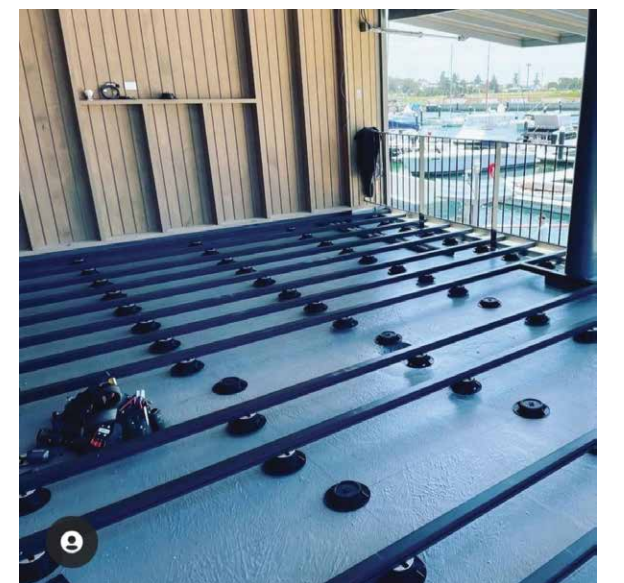
### RESIDENTIAL DECKING PROJECTS AUSTRALIA WIDE



### ROYAL ALEXANDRA HOSPITAL (QLD) - COVID WARD SUBFLOOR



### WATERFRONT TAVERN, SHELL COVE (NSW) - WATERFRONT DECK





# SYSTEM COMPONENTS

ALUMINIUM PROFILES ( JOIST / BEARERS )



28 ALUMINIUM PROFILE



55 ALUMINIUM PROFILE



110 ALUMINIUM PROFILE

BRACKETS



CORNER BRACKET



HOLD DOWN CLIP



JOINERS

TILE SUPPORT COMPONENTS



TILE/PAVER RETAINING CLIP



TILE/PAVER RUBBER SUPPORT STRIP

DECK SUPPORT OPTIONS



ADJUSTABLE PEDESTAL OPTIONS



ALUMINIUM POST KITS

TRY OUR INSTANT ONLINE QUOTE SYSTEM

[www.clickdeck.com.au/quote/](http://www.clickdeck.com.au/quote/)

SEND US A QUOTE / DESIGN REQUEST

email us at [info@exolux.com.au](mailto:info@exolux.com.au)

CHAT TO US FOR MORE INFORMATION

(03) 8202 5166

AVAILABLE AUSTRALIA WIDE

CLICKDECK works with ALL  
Timber hardwoods and composite decking brands.



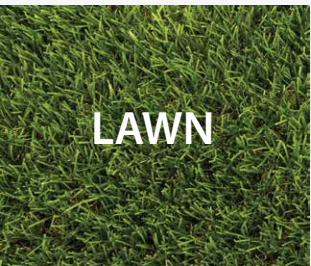
DECKING

Hardwood / Composite  
Decking



PAVING

Structural pavers



LAWN

Artificial lawn support

QUALITY SURFACE MATERIALS WITH LONGLIFE SPANS  
DEMAND A SUBFRAME SYSTEM TO MATCH



# FRAMING LAYOUT INFORMATION



28PROFILE  
28mmX50mm



55PROFILE  
55mmX55mm



110PROFILE  
110mmX50mm

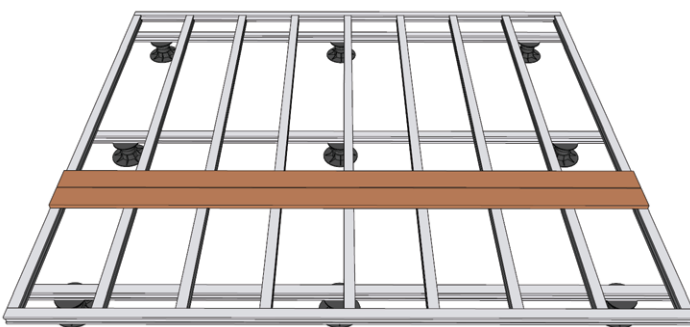
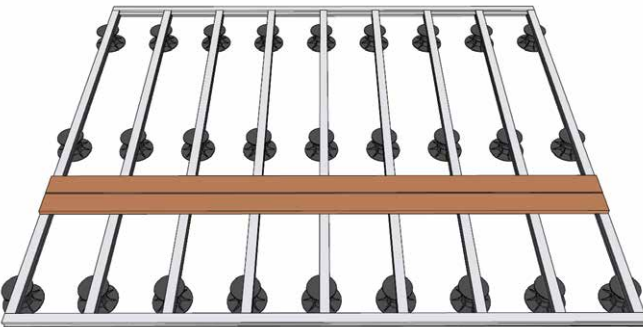
## FRAME ARRANGEMENT OPTIONS

### JOIST ONLY LAYOUT

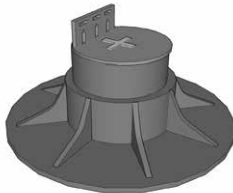
Min height achievable 30mm (Top of Joist)



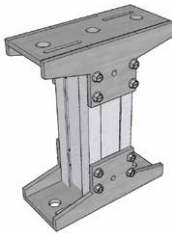
### JOIST / BEARER LAYOUT



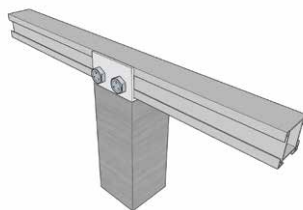
## FRAME SUPPORT OPTIONS



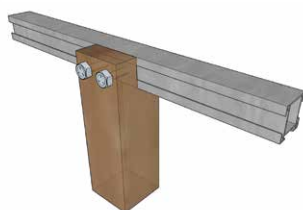
Clickdeck  
Pedestal



Clickdeck Aluminum  
Post kit



Steel Post

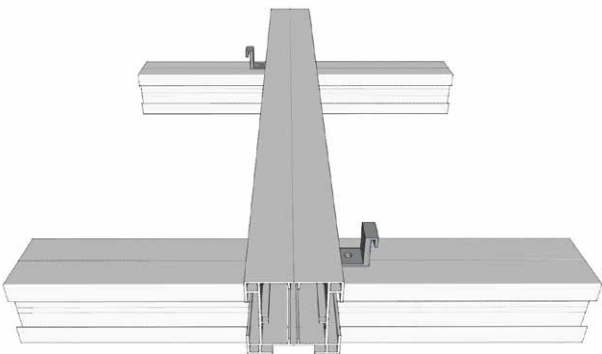


Timber Post

## TYPICAL CONNECTION DETAIL

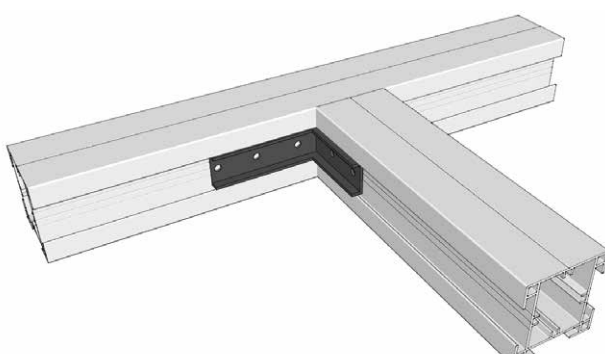
### Hold Down Clip

Secures the joist to the bearer



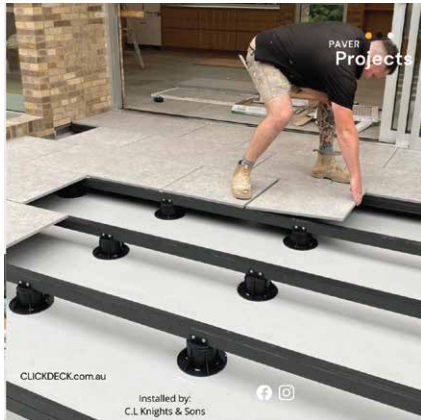
### Corner bracket

Secures the perimeter joist to the joist

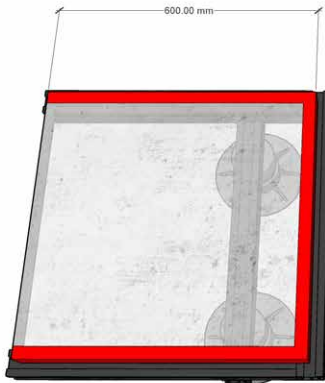


# TILE SUPPORT SYSTEM

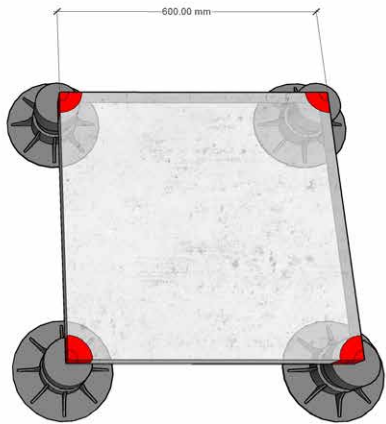
Clickdeck's tile support system is a fast and safe way to support structural tiles / pavers.



Clickdeck's tile support system minimises the risk in raised paver installations by offering a greater contact point over traditional pedestal only systems.



CLICKDECK TILE SYSTEM  
32400mm<sup>2</sup> contact area

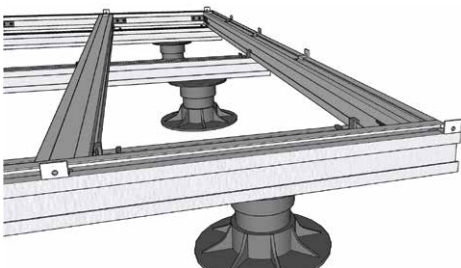


PEDESTAL ONLY  
6520mm<sup>2</sup> contact area

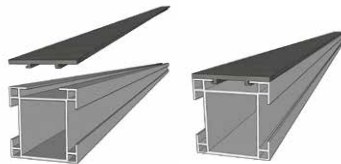
PAVER SURFACE CONTACT SHOWN IN RED

Installation is much faster as the number of pedestals are reduced and pavers are then laid on an level surface.

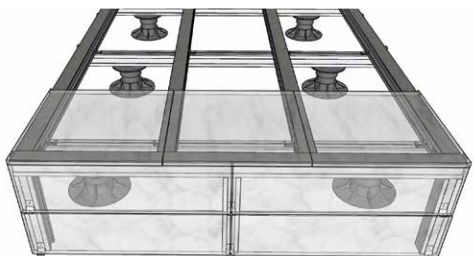
### TILE RETAINING CLIP



### RUBBER SUPPORT STRIP



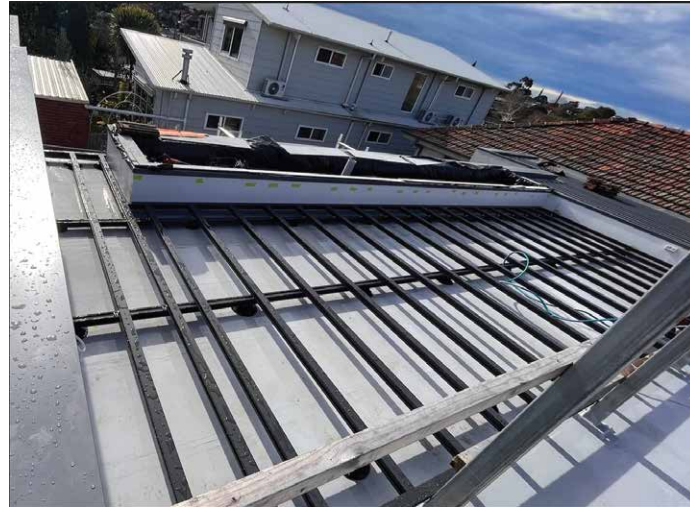
### PAVER SUPPORT SYSTEM





## PROJECT PICTURES

## DESIGN ASSISTANCE



**SERVICE AND SUPPORT:**

- Estimating service
- Full design service
- In house engineering and construction drawings

**SPECIFICATION ASSISTANCE:**

- CAD Drawings
- Structural Computations
- Certifications
- Form 126 (VIC)
- Form 15 (QLD)

**FABRICATION:**

- Custom bracket manufacturing
- Project specific solutions
- Modular construction

- Fast manufacturing lead times
- Australia wide delivery
- Onsite assistance and installation

**ONSITE MANAGEMENT:**

- Project manager services
- Technical Assistance
- Installation
- Preworks planning

**AFTER SERVICE CARE:**

- Onsite Inspections
- Warranty assistance

## PROJECT DRAFTING

