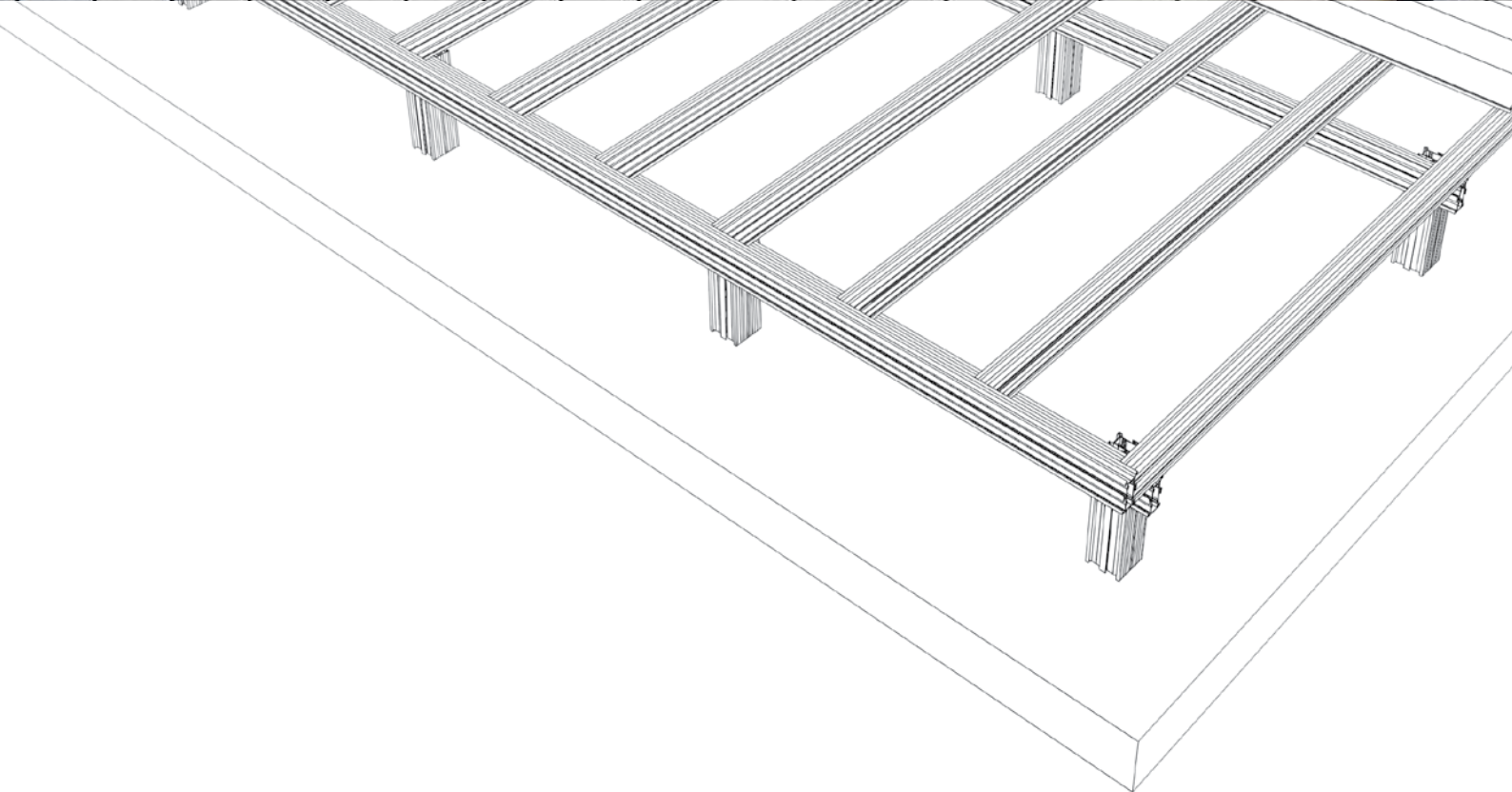




**F.H. BRUNDLE**  
SERVING THE TRADE SINCE 1889

# Decking & Framing

Creating the perfect outdoor space



Featuring

**OUTDURE®**

**rinato™ boards**  
without compromise

**GLOBAL STONE**  
NATURAL STONE & PORCELAIN



# Introduction

Decking is one of the most versatile landscaping materials there is. It comes in many dimensions, lengths, colours, textures, and materials, making it a designer's dream material to use in any garden. Decking has become an increasingly popular choice for homeowners looking to transform their outdoor spaces. Whether a large garden or a compact urban yard, decking offers a versatile solution for creating a stylish, functional, and welcoming environment. If you're thinking about upgrading your garden or you've been hired to by a customer, here are a few key reasons why decking could be the ideal choice.

Decking is an attractive and functional addition to any garden. Whether you're looking to create a peaceful retreat or a lively entertaining space, decking provides a stylish solution with numerous benefits. From its aesthetic appeal and low maintenance to its durability and eco-friendly options, decking is an investment that adds value, both to the home and the owner's enjoyment of outdoor living.

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# Introduction To Outdure® QwickBuild®

QwickBuild® aluminium deck frame system

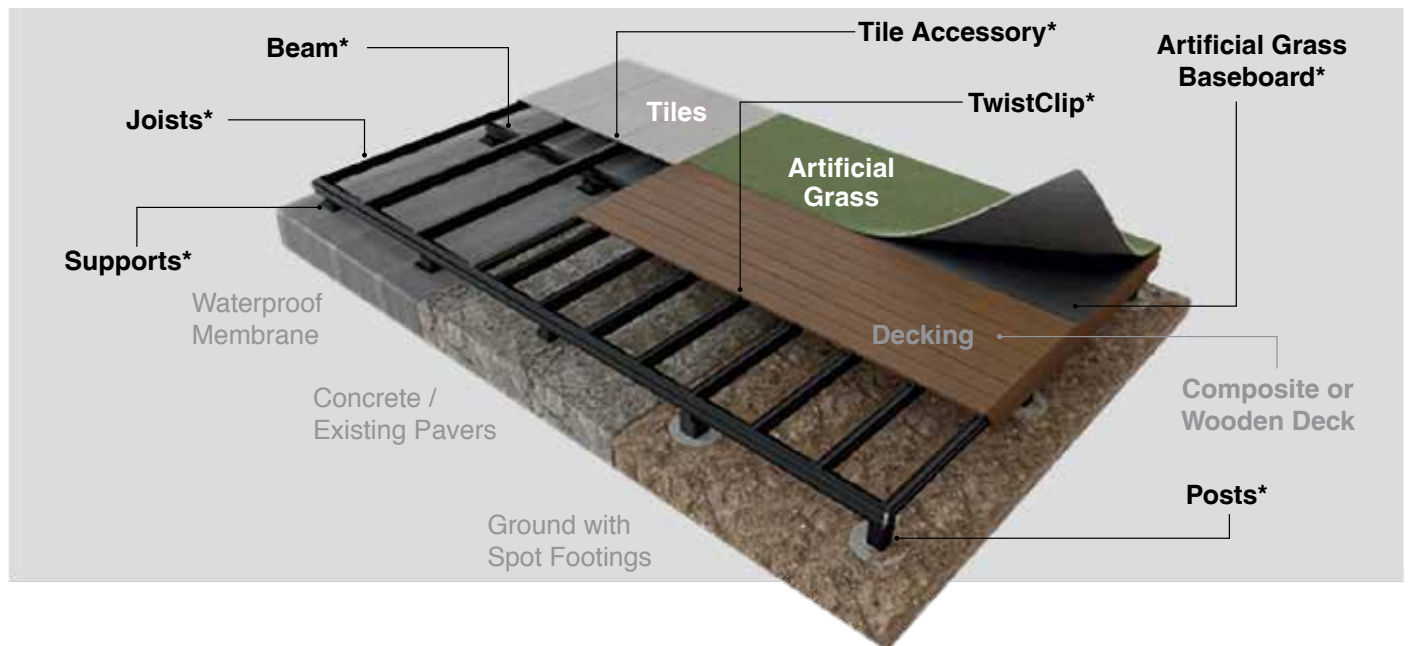


Outdure's QwickBuild® aluminium deck frame system is a versatile, moisture-proof, value-engineered, straight and level, structural solution designed for superior durability and efficient installation. Easily achieve level, stable, straight transitions between deck surfaces and interior spaces with no 'step-down' required.

## Exclusive Advantages

<b>Modular</b>	Easy to install components, configurable to suit all decks
<b>All Surfaces</b>	Supports timber decking, composite decking, tiles, and artificial grass
<b>All Heights</b>	A range of joist-beam profiles for ultra-low to elevated decks
<b>All Substrates</b>	Build your deck over concrete, pavers, waterproof membrane, and natural ground
<b>All Projects</b>	Ideal for all specifications from simple residential to complex commercial decks
<b>Optimised</b>	Leading design and quantification tech for framing, supports, and chosen deck surface
<b>Balustrading</b>	Components are engineered for simplified integration of handrailing & balustrade

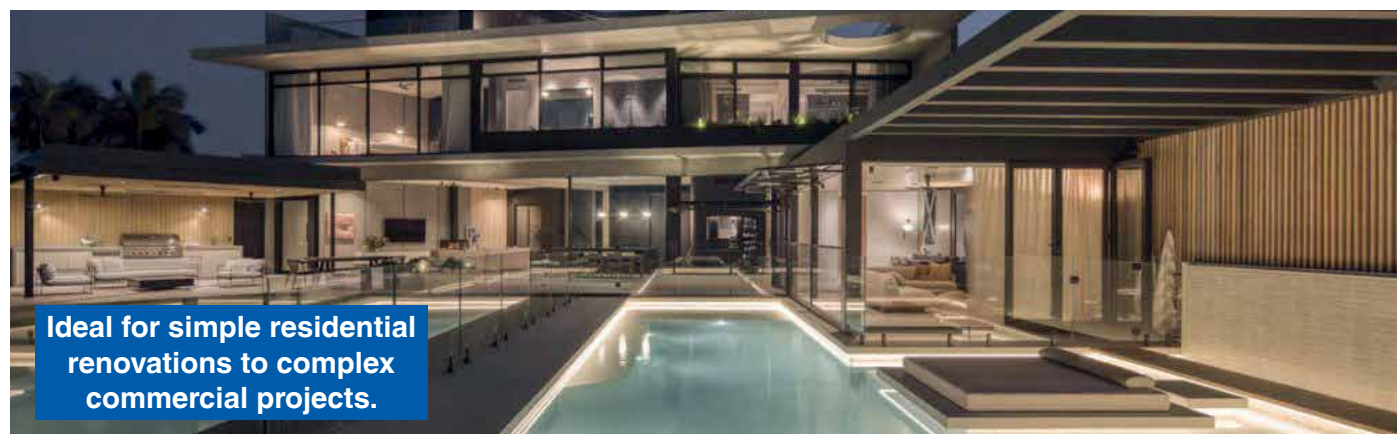
## One System For All Surfaces





# Why Choose Outdure® QwickBuild®

The unmatched choice



With unmatched low-height capabilities, QwickBuild® can be used as a 'floating' system over waterproof membranes for projects such as rooftop decks†, podium developments, balconies†, and ground-level patios, through to an engineered structural solution for mid-level and elevated deck areas over various substrates.

The profiles have greater spans than traditional framing, resulting in fewer footings required for raised decks. QwickBuild® is an engineered solution: up to 5.0kPa UDL, 4.5kN PL with long-span, high-load capacity.

QwickBuild® minimises site preparation (digging, levelling, etc). It is a fast, cost-effective way to upgrade alfresco spaces by covering up old pavers or concrete pads with minimal site preparation.

Easily achieve level, stable, straight transitions between deck surfaces and interior spaces with no 'step-down' required - a safe solution for aged care facilities and education projects.

	QWICKBUILD ALUMINIUM	TREATED TIMBER (PTL)	STEEL FRAMING	TILES ON PEDESTALS
Low height	✓	X	X	Some*
Mid height	✓	Some*	✓	X
Elevated	✓	Some*	✓	X
Multi-surface	✓	X	X	X
Modular	✓	X	Some*	X
Straight and level	✓	X	✓	X
Fast, easy install	✓	X	X	Some*
Lightweight	✓	X	X	✓
Durable, easy-care	✓	X	Some*	Some*
Rust proof	✓	✓	X	✓
Rot-proof	✓	X	✓	✓
Accurate quantification	✓	X	X	Some*
Technical support	✓	X	Some*	Some*
Value engineered	✓	X	Some*	X

\*Added joist protection tape required.



Outdure® product innovations range from patented hidden fixings to brackets, designed for durability and fast, convenient installation, redefining what a deck can be. Enabling the ability to create elevated tile and/or artificial grass deck areas with QwickBuild®.

†Only suitable for installations below 11m.

# Surface Options



Style & simplicity all rolled into one.

Outdure® subframe is suitable for a range of flooring options, which can also be seamlessly integrated with each other with our easy to use range of clips and accessories.



rinato™ boards  
without compromise

Outdure® system is compatible with all brands of deck boards

## Composite Deck Boards

Natural composite boards feature a 360 degree wrap-around, second-generation polymer Capstock shield, that encapsulates the hollow core deck board and gives it year-round protection against the elements and harmful UV rays.



See page 10.

## Porcelain Tiles

Station porcelain tiles offer enhanced durability, simplified installation, and ultra-low maintenance. Perfect for high-traffic residential and commercial areas, with a high anti-slip rating (R11 or greater).



See page 16.

## Artificial Grass

A premium, easy-to-clean, low-maintenance surface allowing you to create a luxurious and inviting garden that effortlessly blends with any outdoor space, providing a natural and vibrant look all year round.



See page 17.

## HAVE YOU TRIED OUR DECKPLANNER TOOL?

Design  
Configure  
Review  
Download

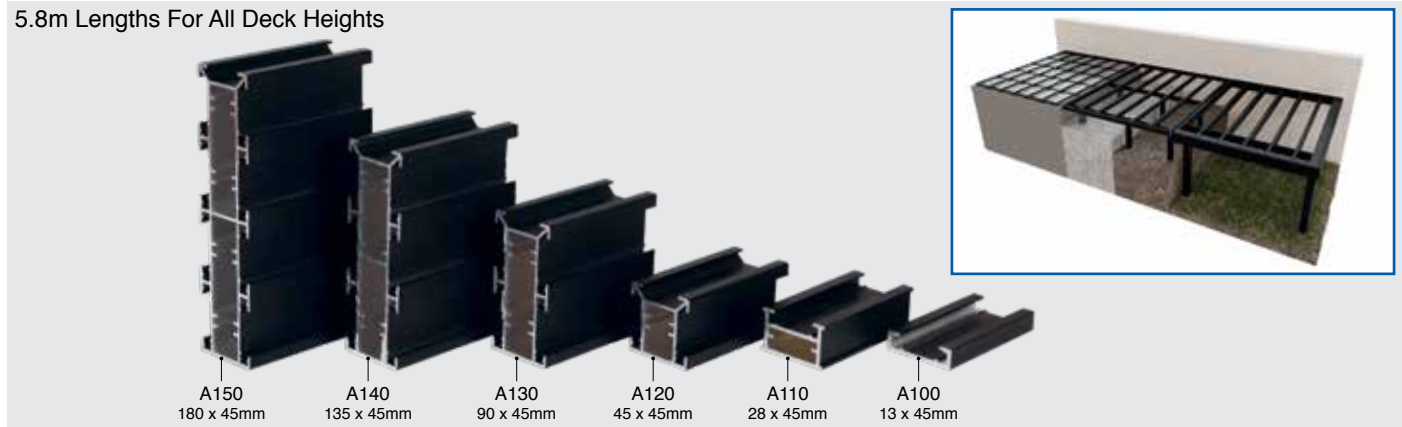
Simply enter your project information online to get started on your deck design  
Compare surface layouts and frame + support options, all calculated to deck height, and substrate  
Refine your deck design, review your pricing, and select your preferred option  
Confirm your order details to receive your itemised material list, custom plans, and installation guides

[www.fhbrundle.co.uk/lp/deckplanner](http://www.fhbrundle.co.uk/lp/deckplanner)

# Joist / Beam Profiles

One system for all surfaces

5.8m Lengths For All Deck Heights



The profiles have greater spans than traditional framing, resulting in fewer footings required for raised decks. QwickBuild® is an engineered solution: up to 5.0kPa UDL, 4.5kN PL with long-span, high-load capacity and minimises site preparation (digging, levelling, etc). It is a fast, cost-effective way to upgrade alfresco spaces by covering up old pavers or concrete pads with minimal site preparation. Made from Aluminium 6063-T6, Powder Coated Black.

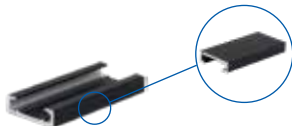
Joist Span for Tile and Decking - Residential /// 2kPa UDL, 1.8kN PL /// Domestic Decks  
Light occupancy (2 to 3 people per square metre), Point loadings less than 180kg

Joist Profile / Span			Beam Profile / Span								Max Joist Cantilever	
	Profile	Span	13 x 45	28 x 45	45 x 45	90 x 45	135 x 45	2 / 135 x 45	180 x 45	2 / 180 x 45	Non Anchored	Anchored
A100	13 x 45	400	400	900	N/A	N/A	N/A	N/A	N/A	N/A	50	50
A110	28 x 45	900	400	900	1200	N/A	N/A	N/A	N/A	N/A	50	50
A120	45 x 45	1200	400	900	1200	2200	3500	4400	4250	5750	100	275
A130	90 x 45	2250	N/A	N/A	950	1800	2800	3500	3600	4650	100	520
A140	135 x 45	3050	N/A	N/A	N/A	1200	1850	2400	2350	3150	100	810
A150	180 x 45	3850	N/A	N/A	N/A	N/A	1650	2200	2100	2900	100	1055

For more information and to see commercial span details, visit [www.fhbrundle.co.uk](http://www.fhbrundle.co.uk)

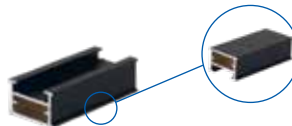
## Joist / Beam Profiles & Post

A100



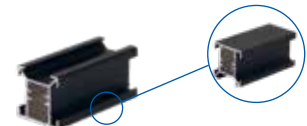
Size mm	Code
13 x 45	92A1002058

A110



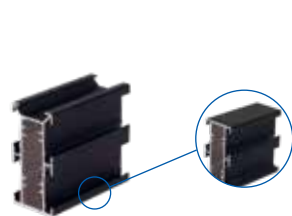
Size mm	Code
28 x 45	92A1102058

A120



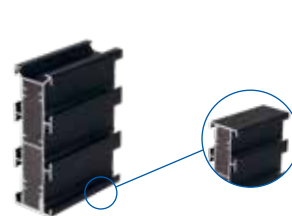
Size mm	Code
45 x 45	92A1202058

A130



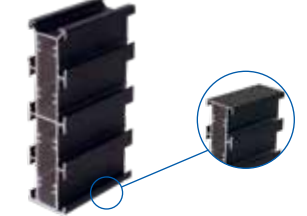
Size mm	Code
90 x 45	92A1302058

A140



Size mm	Code
135 x 45	92A1402058

A150



Size mm	Code
180 x 45	92A1502058

A194 Post Profile



Size mm	Code
90 x 90 x 2800	92A1941028

Brackets A & B should be used together to fix post to beam



For decking joist supports, see page 8.





# Brackets, Clips & Supports

## A200 Brackets & Components

Suitable for A120, A130, A140 & A150 joist / beam profiles

### 90° Bracket

Multi-purpose bracket for connecting profiles



Pack Quantity	Code
10	92A20110X

SS304 Electrophoresis - Black.  
Includes A401 screws.

### Joiner Bracket

For connecting profiles end-to-end



Pack Quantity	Code
10	92A20210X

SS304 Electrophoresis - Black.  
Includes A401 screws.

### Joiner Anchor Bracket

For connecting joists to beams

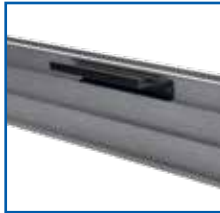


Pack Quantity	Code
25	92A20325X

SS304 Electrophoresis - Black.  
Includes A401 screws.

### Double Joist Bracket

Creates a double joist to support board-ends when using TwistClips



Pack Quantity	Code
20	92A20520X

Aluminium 6063-T6 Powder Coated Black.  
Includes A401 screws.

### Double Joist Bracket - Flat

Creates a double joist to support board-ends and/or for fixing trim under a rim joist



Pack Quantity	Code
20	92A20620X

Aluminium 6063-T6 Powder Coated Black.  
Includes A401 screws.

### Brace Plate Bracket

For connecting profiles on top of each other



Pack Quantity	Code
10	92A20710X

SS304 Electrophoresis - Black.  
Includes A401 screws.

### Trim Bracket (cut to size)

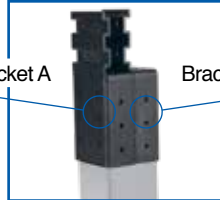
Supports a trim board on joists



Pack Quantity	Code
10	92A20810X

### Bracket A

For beam to A194 post (90 x 90mm)



Pack Quantity	Code
1	92A210

### Bracket B

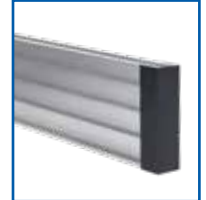
For beam to A194 post (90 x 90mm)



Pack Quantity	Code
1	92A211

### Beam End Cap

To fit over open end of beam, for A120, A130, A140 & A150 profiles



Pack Quantity	Code
2	92A2202X

Trim bracket, bracket A, bracket B and beam end cap are made from Aluminium 6063-T6 Powder Coated Black.

## A300 Brackets & Components

Suitable for A110 joist / beam profile

### 90° Bracket & Joist Anchor

Multi-purpose bracket for connecting A110 profiles



Pack Quantity	Code
10	92A30110X

Includes A401 screws.

### Joiner Bracket

For connecting A110 profiles end-to-end



Pack Quantity	Code
10	92A30210X

Includes A401 screws.

### Double Joist Bracket

Creates a double joist to support board-ends when using TwistClips



Pack Quantity	Code
20	92A30620X

Includes A401 screws.

### Double Joist Bracket - Flat

Creates a double joist to support board-ends and/or for fixing trim under a rim joist



Pack Quantity	Code
20	92A30720X

Includes A401 screws.

# Decking Joist Supports

## Deck Support Packer

Stackable - 5 maximum



Size mm	Code
170 x 170 x 3	92A90120X

Pack quantity 20. Rubber.

## Adjustable Deck Support



Height Adjustment mm	Code
15 - 35	92A90510X

Pack quantity 10. Protection pad included. Polypropylene black.

## Adjustable Deck Support

Code: 92A91510X can be stacked underneath this deck support (maximum of 8)



Height Adjustment mm	Code
35 - 65	92A91010X

Pack quantity 10. Protection pad included. Polypropylene black.

## Deck Support Extender

A maximum of 8 can be stacked underneath adjustable deck support code: 92A0510X



Height mm	Code
30	92A91510X

Pack quantity 10. Polypropylene black.

## Deck Support Slope Corrector

Correction of up to 7%



Height mm	Code
10	92A92010X

Pack quantity 10. Can be used to stack under code: 92A91010X. Polypropylene black.

## Deck Support Protection Pad

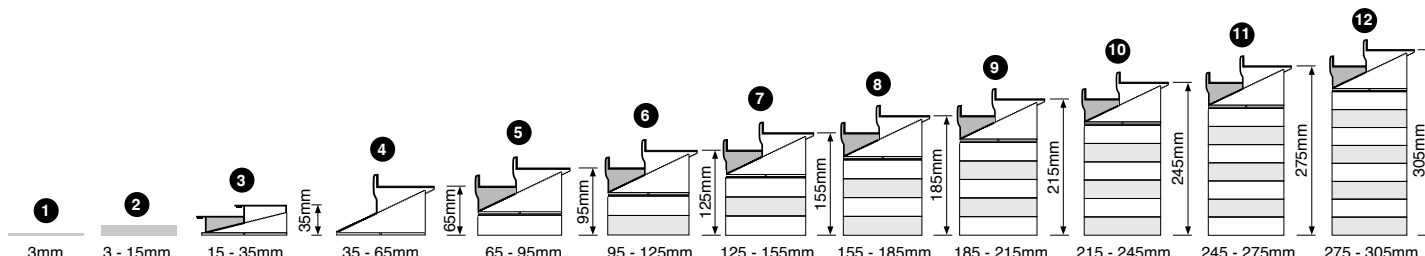
Acoustic



Height mm	Code
10	92A92510X

Pack quantity 10. Can be used to stack under code: 92A91010X. Rubber.

## Support Height Combinations



	1	2	3	4	5	6	7	8	9	10	11	12
Adjustment (from/to mm)	3	3 - 15	15 - 35	35 - 65	65 - 95	95 - 125	125 - 155	155 - 185	185 - 215	215 - 245	245 - 275	275 - 305
92A90120X (qty)	1	5	—	—	—	—	—	—	—	—	—	—
92A90510X (qty)	—	—	1	—	—	—	—	—	—	—	—	—
92A91010X (qty)	—	—	—	1	1	1	1	1	1	1	1	1
92A91510X (qty)	—	—	—	—	1	2	3	4	5	6	7	8

Components can easily be stacked on top of each other to reach your desired height.





# Fixings & Fasteners

## Self-Drilling Screw - 16mm

Included with most components



Size mm	Pack Quantity	Code
16	50	92A40150X

Head: Hex, Driver: 3/8". Material: SS304 Electrophoresis - Black

## Type 17 Screw - 65mm

With a coarse thread for wood / decking joist supports



Size mm	Pack Quantity	Code
65	50	92A40350X

Head: Hex, Driver: 3/8". Material: SS304 Electrophoresis - Black

## Self-Drilling Screw - 20mm

For securing A510-A580 TwistClips in channel &/or in to control board expansion/contraction



Size mm	Pack Quantity	Code
20	50	92A40950X

Head: CSK, Driver: Torx 15. Material: SS304 Electrophoresis - Black

## Driver Pack

-  Hex (3/8")  
Length: 80mm - x1
-  Hex (3/8")  
Length: 50mm - x1
-  Torx 20 - x2
-  Torx 15 - x2

Code
92A42050X

## Timber Board Fixings To A100 Joist Profiles

### Screws For Timber - T20

Self-drilling screw for fixing timber boards, of thickness 18 - 24mm to QwickBuild® joists



Length mm	Pack Quantity	Code
36	50	92A61050X

Head: CSK. Head diameter 9mm. Driver: Torx 20. Material: SS304.

### Screws For Timber - T20


Self-drilling screw for fixing timber boards, of thickness 24 - 40mm to QwickBuild® joists




Length mm	Pack Quantity	Code
45	50	92A62050X

Design and quantify your deck and frame in minutes with the **DeckPlanner** tool:


[www.fhbrundle.co.uk/lp/deckplanner](http://www.fhbrundle.co.uk/lp/deckplanner)




Design



Configure



Review



Download

Try our

## F.H.Brundle DeckPlanner

Advanced technology making your job easy

1. Design the deck - draw your own, or upload plans

2. Select surface products - Decking, Tiles or Tuff

3. Select and compare structure options

4. Download design plans with item list and prices

LOAD PROJECT
START NEW PROJECT

# Composite Boards & Components

One Subframe - Suitable For All Board Types



A Full Range Of Composite Boards Can Be Found Online  
[www.fhbrundle.co.uk](http://www.fhbrundle.co.uk) and search **COMPOSITE DECKING**

## Rinato™ Natural Composite Deck Boards Range



## Rinato™ Natural Composite Deck Boards Range (3600 x 140 x 22.5mm)

Rinato™ boards can be fixed to the joists using one of two methods. With the use of Outdure® TwistClip on the channel side of the joist, or the standard Rinato™ clip on the flat side of the joist, using screw code: **76SS4212DB**.

### Antique / Light Grey



Code
70LGA001

### Teak / Walnut



Code
70TW001

### Charcoal / Silver Grey



Code
70CHSG001

**Important:** Please note that different fixings will require the Outdure® QwickBuild® joists to be used at different orientations. If using Outdure® TwistClips, the joists should be channel side up. Where standard Rinato™ board clips are used, the joists will need to be flat side up and pilot holes drilled for self-drilling screws. See pages 11 and 12 for more details.

# Composite Boards & Components

## Rinato™ Natural Composite Starter Boards Range (3600 x 140 x 22.5mm)

Antique



Code
70A002

Teak



Code
70T002

Charcoal



Code
70CH002

Light Grey



Code
70LG002

Walnut



Code
70W002

Silver Grey



Code
70SG002

When installing starter boards, we recommend using 10 x starter clips per board.

## Rinato™ Natural Composite Fascia Boards Range (3600 x 120 x 10mm)

Antique



Code
70A003

Teak



Code
70T003

Charcoal



Code
70CH003

Light Grey



Code
70LG003

Walnut



Code
70W003

Silver Grey



Code
70SG003

## Installing Rinato™ Boards To The Flat Side Of The Joist

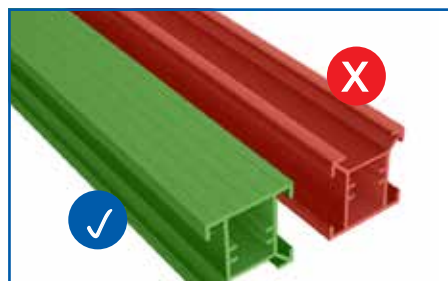


Image shows joist being used flat side up.

### Rinato™ Starter Clip

Hidden fixing for the starting deck board



Pack Qty	Code
10	71SC01

Stainless steel - Black. For screws please order code: **76SS4212DB**.



Application of starter clip on flat side of joist.

### Rinato™ Double Clip

Hidden fixing to secure deck boards to joists



Pack Qty	Code
50	71DC01

Gives a 1mm gap. Stainless steel - Black. For screws please order code: **76SS4212DB**.



Application of double clip on flat side of joist.

### 4.2 x 12mm Screws

For fixing starter and double clips to the joists



Pack Quantity	Code
100	76SS4212DB

Suitable for fixing starter and double clips direct to the flat side of the joist. Galvanised - Black.



# Composite Boards & Components

## Installing Rinato™ Boards To The Channel Side Of The Joist



Image shows joist being used channel side up.

### Starter Clip

Hidden fixing for the starting deck board



Pack Quantity	Code
25	92A59025X

We recommend using starter clips every 400mm centres. SS304 Electrophoresis - Black.



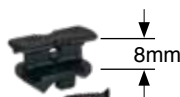
Application of starter clip on channel side of joist.

### TwistClip

Hidden fixing to secure deck boards to joists

For use with:

- Rinato™ Natural
- NewTechWood®
- Composite Prime® HD Deck Dual



Pack Quantity	Code
50	92A51050X

Gives a 6mm gap. Includes A409 screws. We recommend using TwistClips every 400mm centres. Polypropylene Black.



Application of TwistClip on channel side of joist.

### TwistClip - Half

Hidden fastener for the transition between tiles and boards



Pack Quantity	Code
50	92A51150X

We recommend using TwistClip - Half every 400mm centres. Polypropylene Black.

### Trim Bracket (cut to size)

For fixing fascia boards to joists



Pack Quantity	Code
10	92A20810X

Use 1 bracket every 400mm centres. Use screw code: **76SS4250DB** when installing fascia boards.

### 4.2 x 50mm Screws

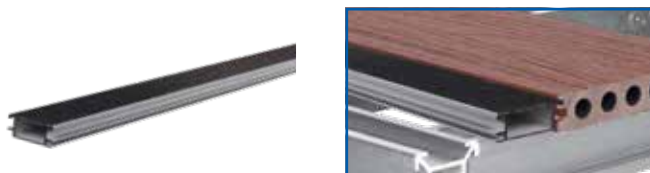
For fixing fascia boards to trim bracket



Pack Quantity	Code
100	76SS4250DB

### Anti-Slip Strip

For stairs & access ways, fix to QwickBuild® with TwistClip A510



Pack Quantity	Code
10	92A840

Size: 54 x 23 x 2800mm. 3M safety walk. Aluminium 6063-T6 Anodised - Silver. For use with A510 TwistClip.

Other TwistClips are available for boards which have a different size groove.

### TwistClip

Hidden fixings to interlock QwickBuild® joists with composite deck boards

For use with:

- Trex Transcend®
- TimberTech® Azek Reserve
- TimberTech® Terrain
- TimberTech® Vintage



Pack Quantity	Code
50	92A52050X

### TwistClip

Hidden fixings to interlock QwickBuild® joists with Fiberon

For use with:

- Fiberon



Pack Quantity	Code
50	92A55050X

For more information visit [www.fhbrundle.co.uk](http://www.fhbrundle.co.uk)

# Composite Boards & Components

## Installing Other Composite Boards To The Channel Side Of The Joist



Image shows joist being used channel side up.



Application of batten screwed to the channel at the top of the joist. This will add 24mm to the overall deck height.

**Important:** It is recommended to use the correct screws for the relevant board type.

Please read information supplied by the manufacturer for relevant screw types and uses.

Failure to do this can result in the deck board warranty being void.



For more information on fixing methods, scan the QR code now!

Battens are ideal for use with:

- Millboard
- Composite Prime®-Redux
- Azek-Elements

### Batten

Universal plastic composite batten for fixing solid boards to the channel side of the joist



### Screws

Self-drilling screws for fixing the batten to the joist



Size mm	Code
45 x 33 x 2800	92A855722

This will add 24mm to the overall deck height.  
For screws use code: **92A62050X**. Recycled HDPE.

Length mm	Pack Quantity	Code
45	50	92A62050X

Head: CSK. Head diameter 9mm. Driver: Torx 20. Material: SS304.

## Installing Timber Boards To The Flat Side Of The Joist

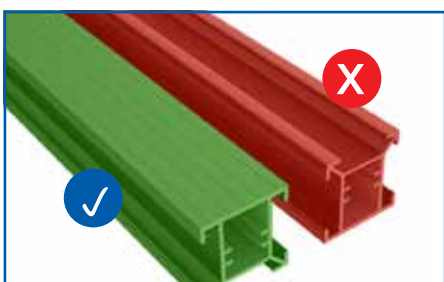


Image shows joist being used flat side up.



Application deck board screwed directly into the joist.

### Screws

Self-drilling screw for fixing softwood timber boards, of thickness 24 - 40mm to QwickBuild® joists



Length mm	Pack Quantity	Code
45	50	92A62050X

Head: CSK. Head diameter 9mm.  
Driver: Torx 20. Material: SS304.

**Please note:** If a batten is required, this can be installed and used in the same way as outlined above. Screws will fix boards directly to the joist or into the batten.

# Solid Blocking For Balustrade / Railings

For use on decking when installing a handrail or balustrade system



If you are looking to install a handrail or balustrade system, our 95mm blocking is only suitable for channel and glass systems, whereas our 135mm blocking is suitable for all post-based balustrade and railing systems or spigot-based systems.

## Solid Blocking

For adding handrail or channel systems to decking



### Suitable For Frameless Glass Channel Systems

For Use With Joist	Size mm	Code
A130, A140 & A150	95 x 95 x 350	<b>7401959504B</b>
A130, A140 & A150	95 x 95 x 1200	<b>7401959512B</b>
A130, A140 & A150	95 x 95 x 3600	<b>7401959536B</b>

Our range of solid blocking is made from 100% recycled materials and is fully recyclable.

### Suitable For Spigot & Post Systems

For Use With Joist	Size mm	Code
A140 & A150	135 x 135 x 350	<b>92SCL13513504</b>
A140 & A150	135 x 135 x 1200	<b>92SCL13513512</b>
A140 & A150	135 x 135 x 1200	<b>92A851412</b>
A140 & A150	135 x 135 x 3600	<b>92SCL13513536</b>



Create the perfect deck by adding a balustrade or handrailing of your choice. We stock the largest range of handrail and balustrade in the UK, all from stock and ready for delivery.

To achieve this, you will need to install our solid blocking at the time you are constructing your subframe.

Below is an overview of how the blocking works along with our range of Outdure® deck framing system. On the next page we have a few examples of our huge range of handrailing and balustrade.



1 Determine where solid blocking will be used. Cut solid blocking using a circular saw to required length. Repeating this process for all blocking required.



2 Pre-drill QwickBuild® framing using 6mm / (15/64") according to corresponding standard detail. Use A404 screws to fix the solid blocking to the QwickBuild® joists. Ensuring blocking is flush with top of joists.



3 Once deck is laid, install balustrade making sure that the posts are fixed through the deck into the solid blocking.



# Handrail & Balustrade Systems

For use on decking when using solid blocking

Our handrailing systems are a range of specifically grouped components designed with simplicity of use in mind. Available in a wide range of styles, infill solutions and finishes to suit your requirements, allowing you to create a quick installation of complex and attractive handrail and balustrade. As one of the UK's leading stockists of handrail and balustrade, we cannot show the whole range. Below is just a brief overview of what we can offer, or visit [www.fhbrundle.co.uk](http://www.fhbrundle.co.uk) for more information.



## Stainless Steel Posts With Handrail

Our stainless steel post and glass handrailing system is available in Grade 304 or 316, with a satin, PPC black or mirror finish, and various size options.

For easy installation, the posts come pre-fitted with glass clamps and base plates.

For use with **135mm** blocking.

## Frameless Glass - Channel Systems

Our range of frameless glass channel systems are designed for versatility and are ideal for both domestic and commercial settings.

Available in base or side-fix options, they offer a sleek, modern solution for various locations.

For use with **95mm** blocking.



## Frameless Glass - Spigot Systems

We supply a range of easy-to-fit glass spigots, including our budget-friendly Duplex 2205. Ideal for balustrades around entrances, walkways, decking, and pools.

They provide a durable, versatile, and discreet solution for securing glass while maintaining a sleek, modern look.

For use with **135mm** blocking.



## Steel Railings

Our railings offer a versatile, off-the-shelf solution with ready-to-install panels, posts, and brackets.

The innovative raking panel adjusts for easy installation on stairs and slopes, eliminating the need for pre-fabrication.

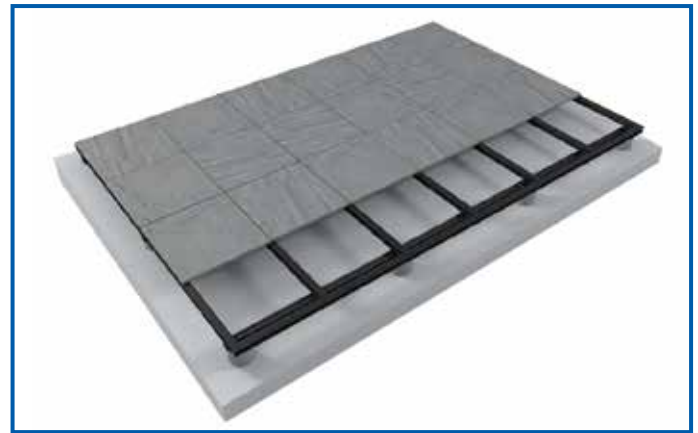
For use with **135mm** blocking.



For more inspiration and to see our entire range of handrail & balustrade, visit [www.fhbrundle.co.uk](http://www.fhbrundle.co.uk) and search **HANDRAILING SYSTEMS**.  
Tube Clamps | Mesh Infills | Steel Posts with Glass Clamps | and a whole lot more...

# Porcelain Tiles & Components

Global Stone



## Porcelain Tiles (600 x 600 x 20mm or 900 x 600 x 20mm)

Global Stone exterior structural tiles with a consistent textural finish. Porcelain rectified with an R11 non-slip rating. Available in 4 colours with a choice of 2 sizes. When used with Outdure®, tiles are to be laid on 600mm joist centres.

**White**

**Iron**

**Pearl**

**Black**



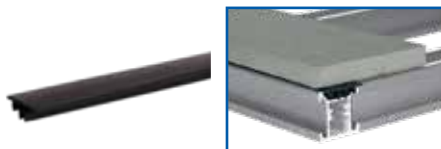
Size mm	White Code	Iron Code	Pearl Code	Black Code
600 x 600 x 20	92SWPE6060	92SIPE6060	92SPPE6060	92SBPE6060
900 x 600 x 20	92SWPE9060	92SIPE9060	92SPPE9060	92SBPE9060

## A700 Porcelain Tiles & Fixings

For all joist / beam profiles

### Tile Rubber Bead

Sits into top of QwickBuild® joist to isolate noise & friction



Length m	Code
1	92A701

EPDM rubber.

### Tile Retainer Bracket

Retains perimeter tiles. Install retainer brackets at ends of joists, that are perpendicular to edge of deck



Pack Quantity	Code
25	92A70225X

Use 2 per joist and 1 every 5th tile. SS304 Electrophoresis - Black. Includes A401 screws.

### Tile Retainer Snap Clip

Retains perimeter tiles. Install snap clips along the edge of perimeter joist



Pack Quantity	Code
25	92A70325X

Use 2 per perimeter tile. SS304 Electrophoresis - Black.

### Tile Spacer Cross

To evenly space tiles installed on QwickBuild® deck framing



Pack Quantity	Code
25	92A71025X

Gives a 5mm gap. Polypropylene - Black.

### Tile Spacer Straight

For straight spaces between tiles installed on QwickBuild® deck frame



Length m	Code
1	92A71125X

Gives a 5mm gap. Polypropylene - Black.

### Tile Trim Bracket

A bracket that supports a tile as trim / fascia



Pack Quantity	Code
10	92A71210X

Use 2 per perimeter tile. Aluminium 6063-T6. Powder Coated Black

### TwistClip - Half

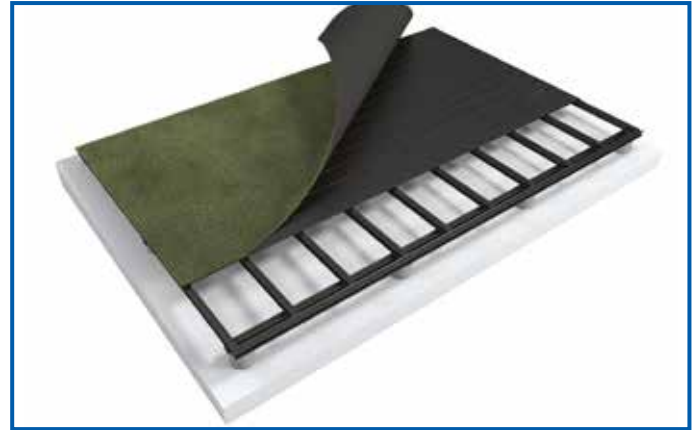
Hidden fastener for the transition between tiles and boards



Pack Quantity	Code
50	92A51150X

# Artificial Grass & Components

Namgrass



## Artificial Grass (Cut to the nearest 10mm)

Namgrass artificial grass is low sheen synthetic, high UV, and moisture resistant. Recyclable polyethylene + PP. Available in 3 depths.

### Burley



Depth mm	Code
30	92AGB30

### Wilverley



Depth mm	Code
35	92AGW35

### Pragma



Depth mm	Code
40	92AGP40

## A800 Artificial Grass & Fixings

For all joist / beam profiles

### Artificial Grass Baseboard

To support artificial grass on QwickBuild® joists



Size mm	Code
138 x 8 x 2800	92A801

Aluminium 6063-T6 Powder Coated - Black.

### Screw for Artificial Grass 20mm

Self-drilling screw for fixing artificial grass to baseboards



Size mm	Code
20	92A81050X

Self-drilling screw. Head: Flat, Driver: Philips. Material: SS304 Electrophoresis - Black

### Screw for Baseboard

Self-drilling screw for fixing A801 baseboards to QwickBuild® joists



Size mm	Code
20	92A81150X

Self-drilling screw. Head: Flat, Driver: Philips. Material: SS304 Electrophoresis - Black

### Starter Clip

Hidden fastener for the starting artificial grass baseboard



Pack Quantity	Code
25	92A59025X

Use as required. SS304 Electrophoresis - Black.

### TwistClip

Hidden fixings to interlock artificial grass baseboards



Pack Quantity	Code
50	92A51050X

## Glue Tubs & Cartridges



Description	Size	Code
Single Cartridge	310ml	92GC3
12 x Cartridge	310ml each	92GC123
Tub	5kg	92GT5
Tub	10kg	92GT10

## Joining Tape

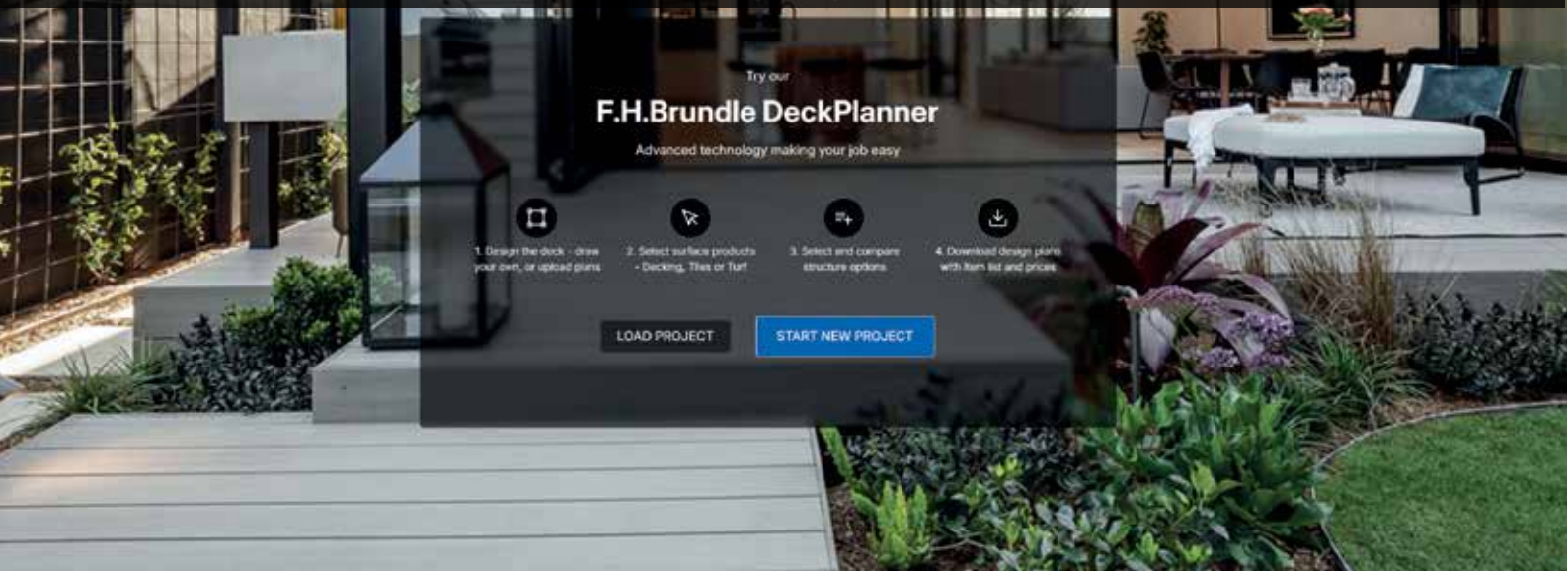


Size m	Code
Per Metre	92TM
6 x 10m Rolls	92T610M
1 x 100m Roll	92T100M

Each roll is 10 linear metres.



Design and quantify your deck and frame in minutes with the **DeckPlanner** tool:  
[www.fhbrundle.co.uk/lp/deckplanner](http://www.fhbrundle.co.uk/lp/deckplanner)



**Design**

Simply enter your project information online to get started on your deck design

**Configure**

Compare surface layouts and frame + support options, all calculated to deck height, and substrate

**Review**

Refine your deck design, review your pricing and select your preferred option

**Download**

Confirm your order details to receive your itemised material list, custom plans, and installation guides

The easy-to-use online tool simplifies the process, removing any guesswork. It's ideal for everyone, from professional contractors to homeowners. No training required or software to download.

Easily compare the material quantities required, surface options include tiles for deck areas, timber decking, and most composite board brands. Substructure options include Outdure's QwickBuild® aluminium framing system or traditional subframes.



#### Design

Simply enter your project information and get started on your deck design, or have our team do it for you.



#### Configure

Compare surface layouts and frame + support options, all calculated to deck height and substrate.



#### Review

Refine your deck design, review your pricing and, select your preferred option.



#### Download

Confirm your order details to receive your customised project information pack.

## Your customised project information pack includes:

Shopping list:

Itemised list and prices of all materials required

Design:

Easy-to-follow layout for your chosen deck surface

Engineering:

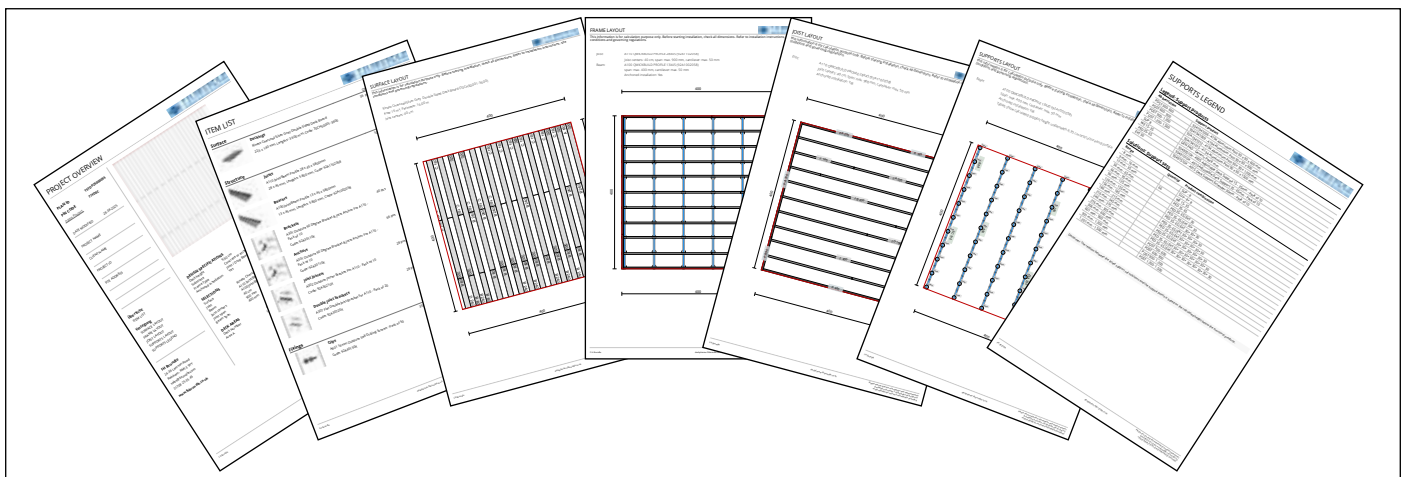
Structure layouts for joists, beams, and supports

Installation guide:

Step-by-step overview

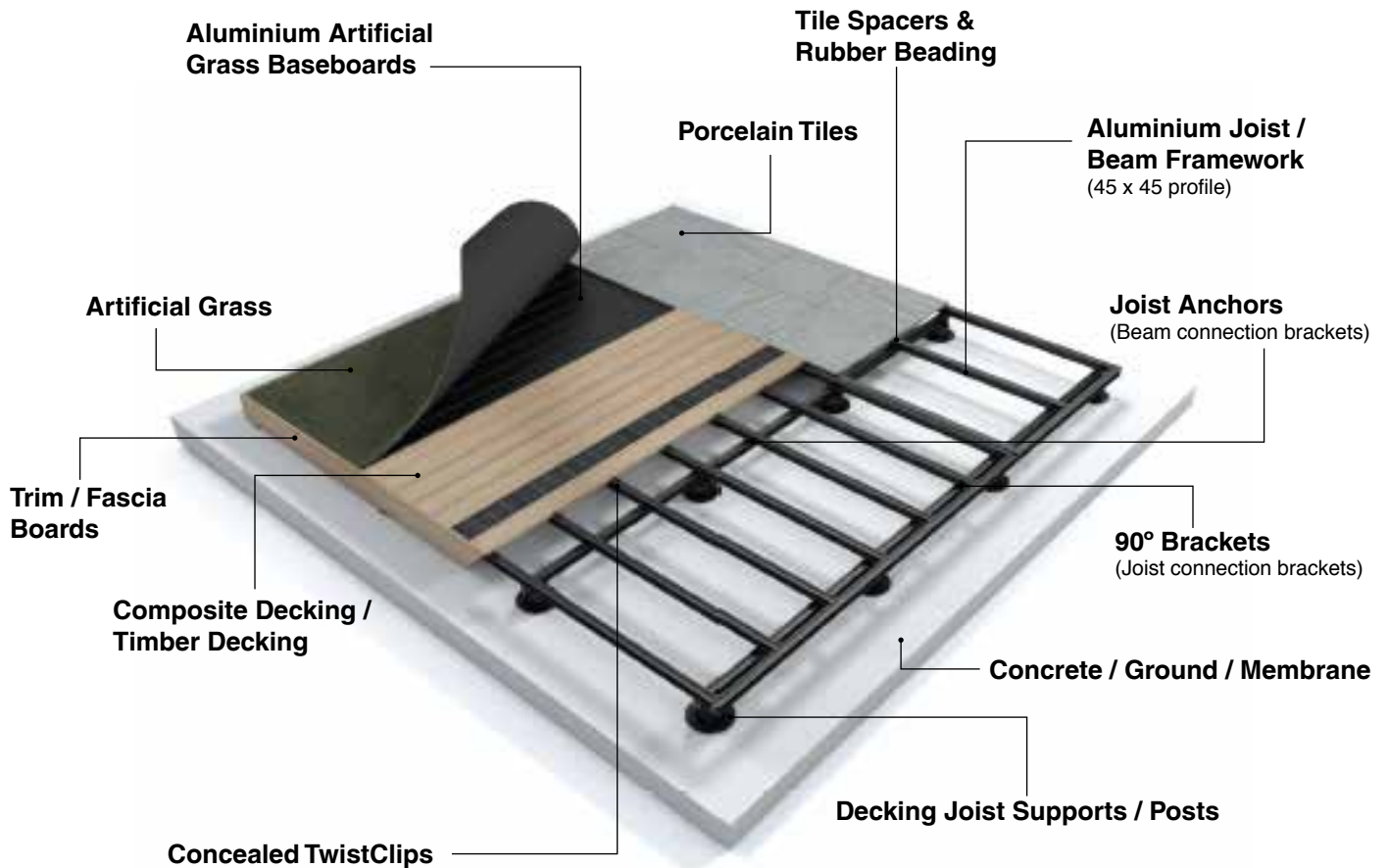
Product information:

Step-by-step overview



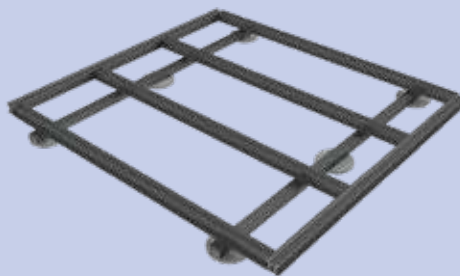
# System Overview

Frame constructed with a 45 x 45 profile

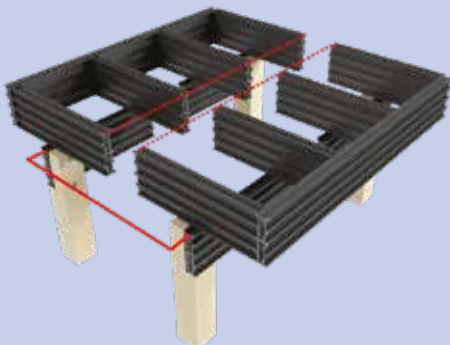


## Examples of QwickBuild® frame options for low height to elevated deck heights

- 45 x 45mm profile as beam (span 1200mm)
- 3mm support packer and your choice of surface
- Finished deck height is determined by surface depth



- 45 x 45mm profile as beam (span 1200mm)
- 28 x 45mm profile as beam (span 600mm)
- Add your choice of surface
- Finished deck height is determined by surface depth

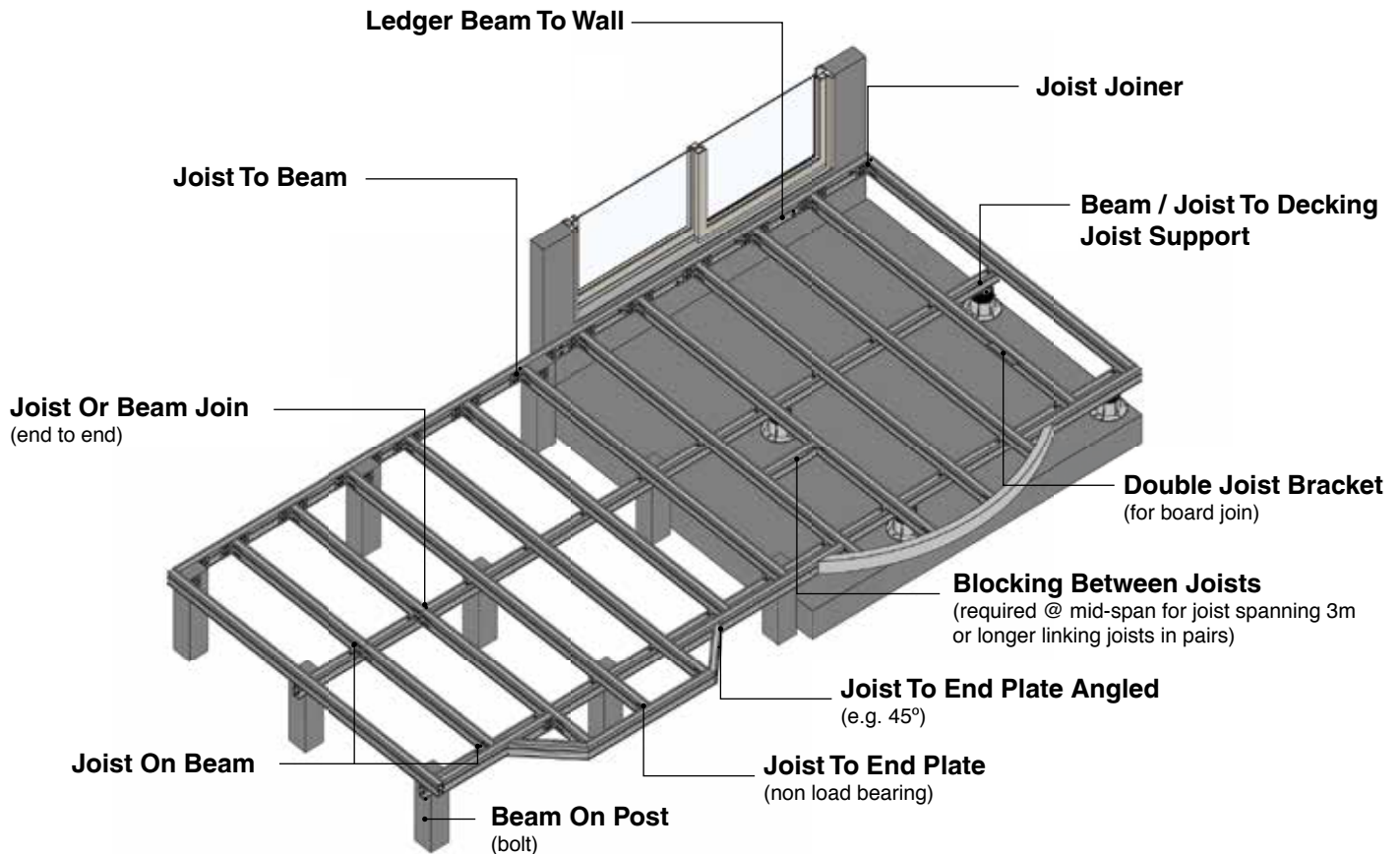


- 90 x 45mm profile as beam (span 2300mm)
- 90 x 45mm profile as beam (span 1450mm)
- Height adjustable decking joist supports

- 180 x 45mm profile as beam (span 4400mm)
- 180 x 45mm profile as beam (span 1950mm)
- Post to suit height

# Common Connections

## Overview of common QwickBuild® connections



### QwickBuild® Exterior Deck Frame System

**Provides strong, durable, stable structures to support decking boards, porcelain tiles, artificial grass, or a combination of surfaces**

Joists support the surfaces, and beams support the joists. The beams are supported by posts or adjustable height decking joist supports. QwickBuild® is designed for installations over natural ground, concrete pads, existing pavers, and waterproof membranes. The system allows for the construction of support structures ranging from ultra-low height through to raised deck structures 1.8m+.

All profiles are interchangeable, for example a 90 x 45 can be used with a 45 x 45. You can even use a profile on an existing timber subframe as a joist.

### Key Solutions / Benefits for Specification

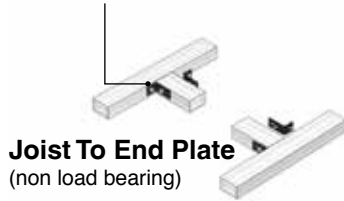
- Compliant low-risk solution: The system is designed to 'float' on a membrane without penetrating and compromising it
- Easily enables a flush finish between exterior surfaces and internal / external floor levels
- Durable and lightweight: Made from 6063-T6 structural aluminium + 304 SS / PP components / fixings
- Multi-surface integration: Select from composite or wooden decking, porcelain tiles or artificial grass
- Multi-height capabilities from ultra-low profiles to long-span profiles engineered for raised decks
- Engineered solution: residential and commercial use
- One warranty and one system for structure and surfaces reduces the number of trades required on a project
- Design service: Concepts through to custom construction drawings, including a detailed component list



# Low Height Decks

A110 common QwickBuild® connections

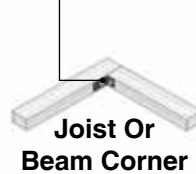
Code: **92A30110X**



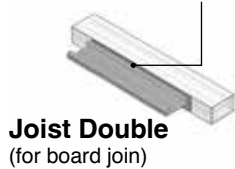
Code: **92A30110X**



Code: **92A30110X**



Code: **92A30620X**

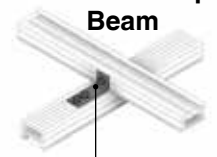


Code: **92A30210X**



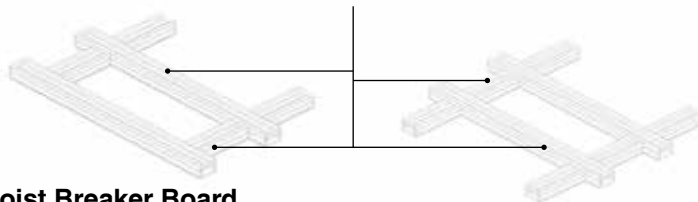
**Joist / Beam Join End-to-End**

**Joist On Drop Beam**



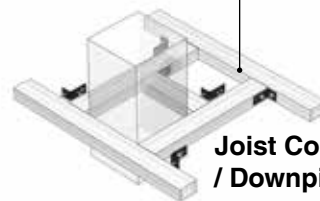
Code: **92A30110X**

Code: **92A1102058**



**Joist Breaker Board - Ladder Frame**

Code: **92A1102058**



**Joist Picture Frame - Ladder Frame**

**Joist Column / Post / Downpipe**

## Beam Structure Types

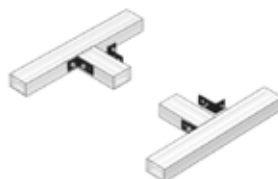
### Single Beam

Standard beam layout



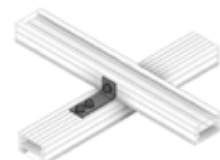
### Flush Beam

A beam level with the joists



### Drop Beam

A beam installed below deck joists for added support



## HAVE YOU TRIED OUR DECKPLANNER TOOL?

Design  
Configure  
Review  
Download

Simply enter your project information online to get started on your deck design

Compare surface layouts and frame + support options, all calculated to deck height, and substrate

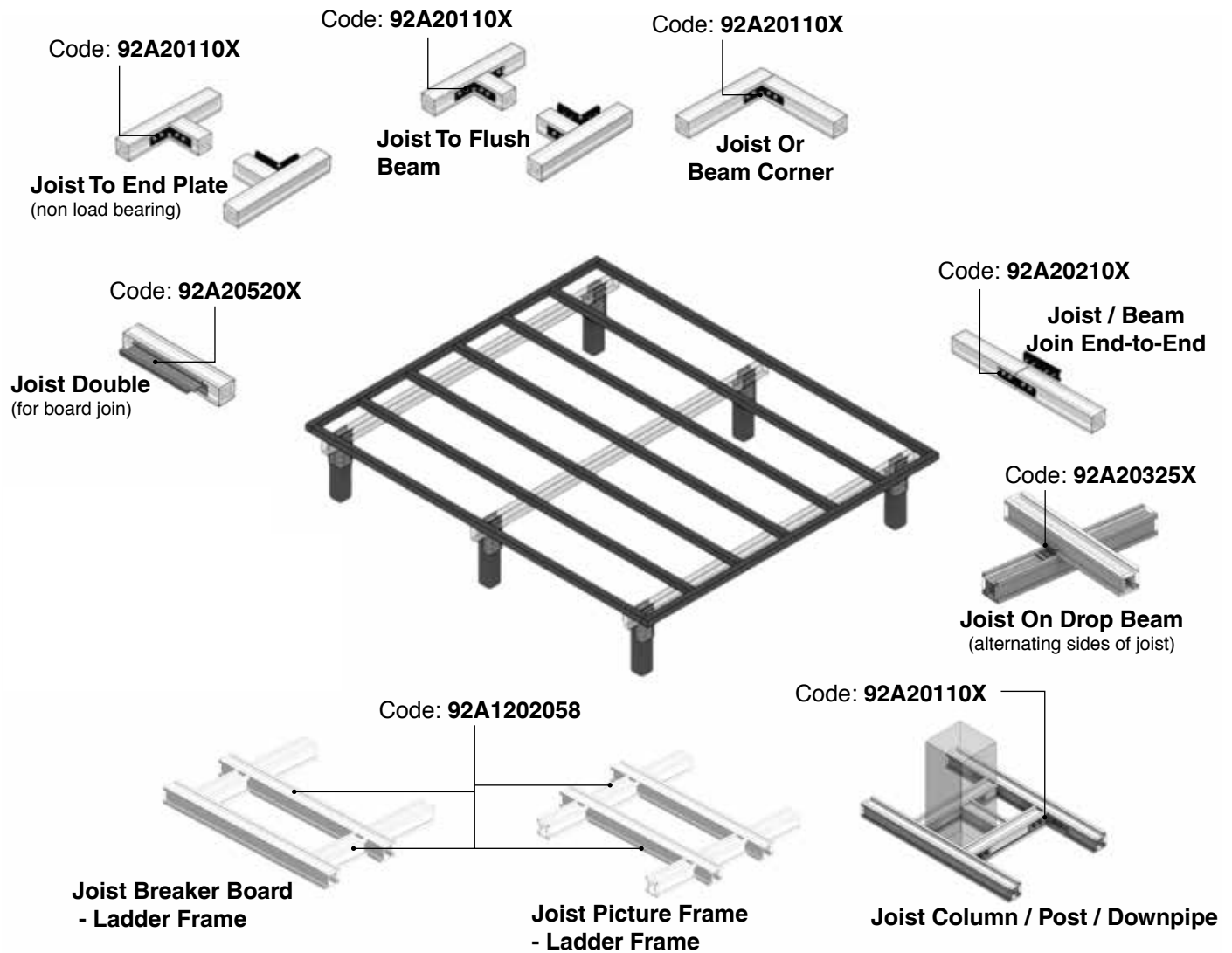
Refine your deck design, review your pricing, and select your preferred option

Confirm your order details to receive your itemised material list, custom plans, and installation guides

[www.fhbrundle.co.uk/lp/deckplanner](http://www.fhbrundle.co.uk/lp/deckplanner)

# Low & Mid Height Decks

## Overview of common QwickBuild® connections

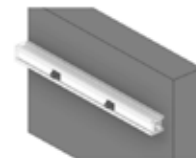


## Beam Structure Types

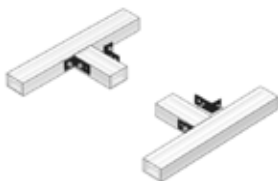
**Single Beam**  
Standard beam layout



**Ledger Beam**  
A horizontal support beam attached to a structure's wall to support the ends of joists



**Flush Beam**  
A beam level with the joists

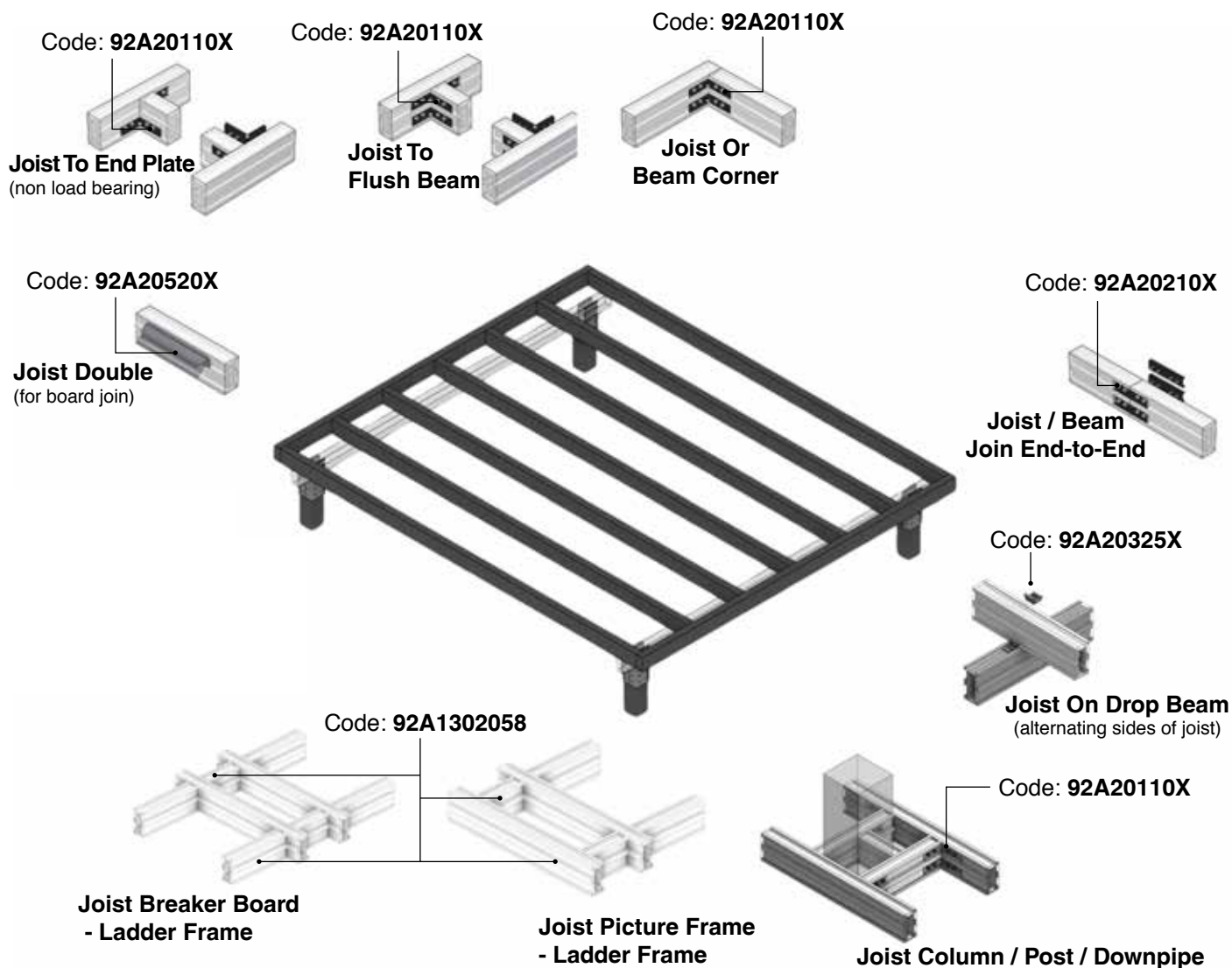


**Drop Beam**  
A beam installed below deck joists for added support



# Mid & Elevated Height Decks

A130 common QwickBuild® connections

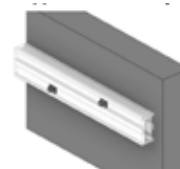


## Beam Structure Types

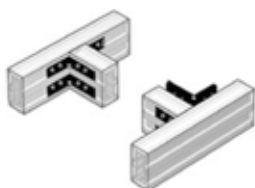
**Single Beam**  
Standard beam layout



**Ledger Beam**  
A horizontal support beam attached to a structure's wall to support the ends of joists



**Flush Beam**  
A beam level with the joists



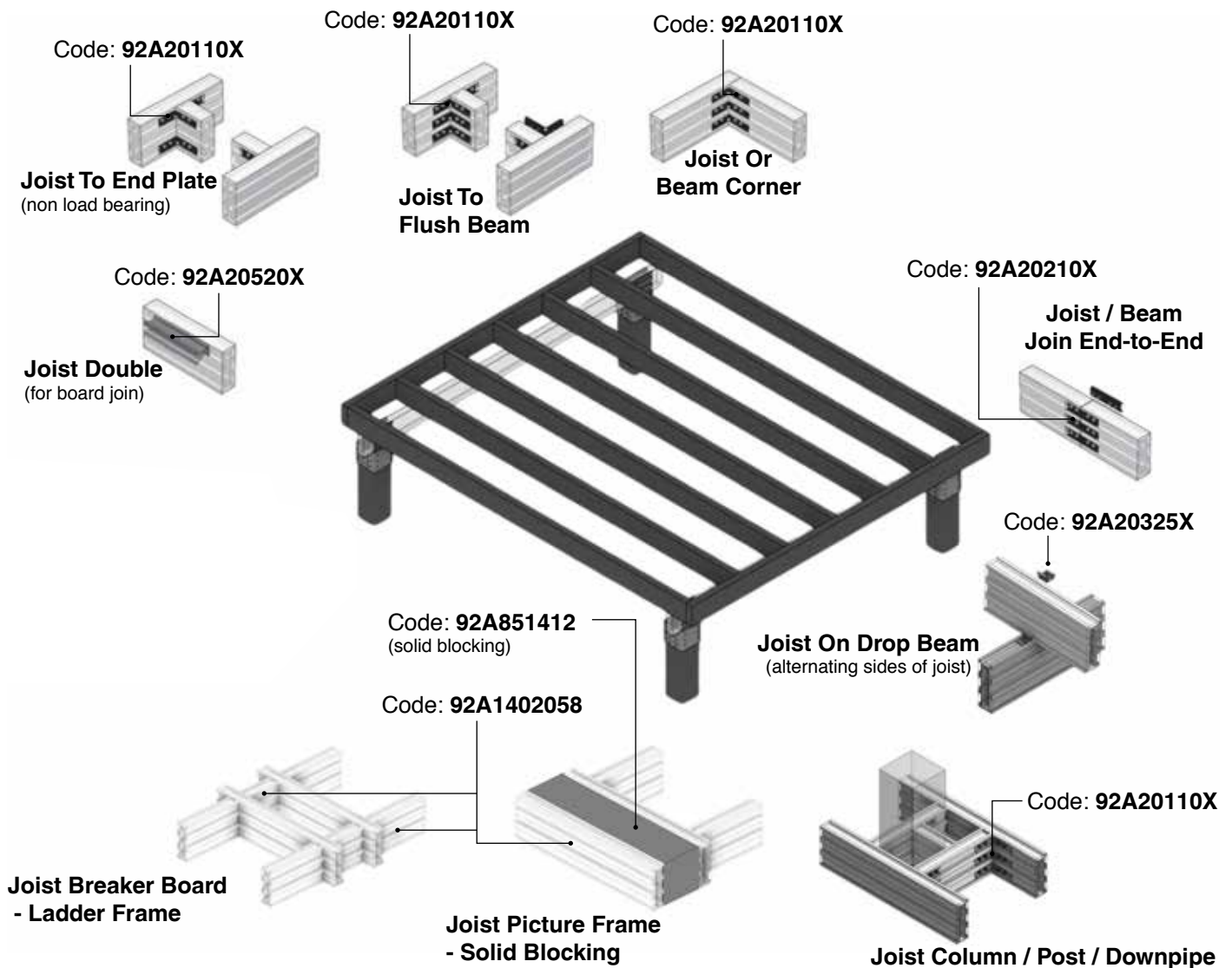
**Drop Beam**  
A beam installed below deck joists for added support





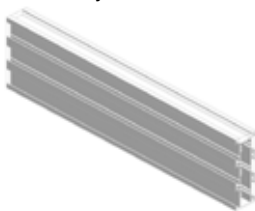
# Mid & Elevated Height Decks

A140 common QwickBuild® connections



## Beam Structure Types

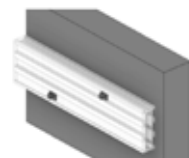
**Single Beam**  
Standard beam layout



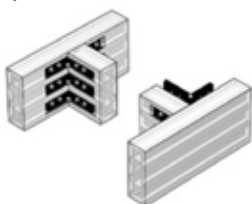
**Double Beam**  
Standard beam layout



**Ledger Beam**  
A horizontal support beam attached to a structure's wall to support the ends of joists



**Flush Beam**  
A beam level with the joists

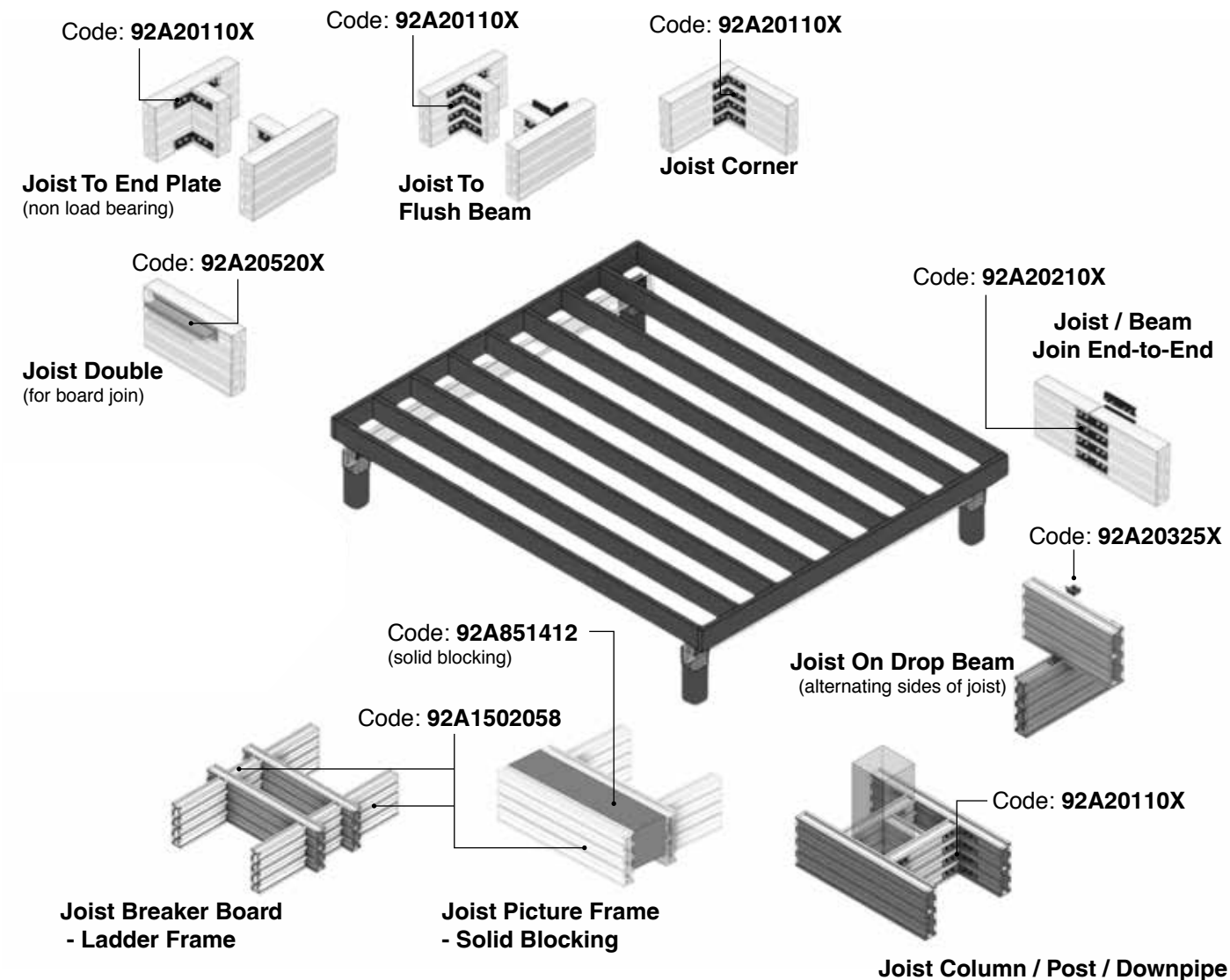


**Drop Beam**  
A beam installed below deck joists for added support



# Elevated Height Decks

A150 common QwickBuild® connections



## Beam Structure Types

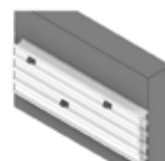
**Single Beam**  
Standard beam layout



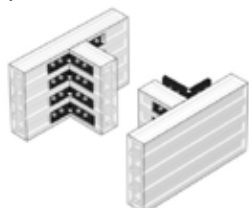
**Double Beam**  
Standard beam layout



**Ledger Beam**  
A horizontal support beam attached to a structure's wall to support the ends of joists



**Flush Beam**  
A beam level with the joists



**Drop Beam**  
A beam installed below deck joists for added support

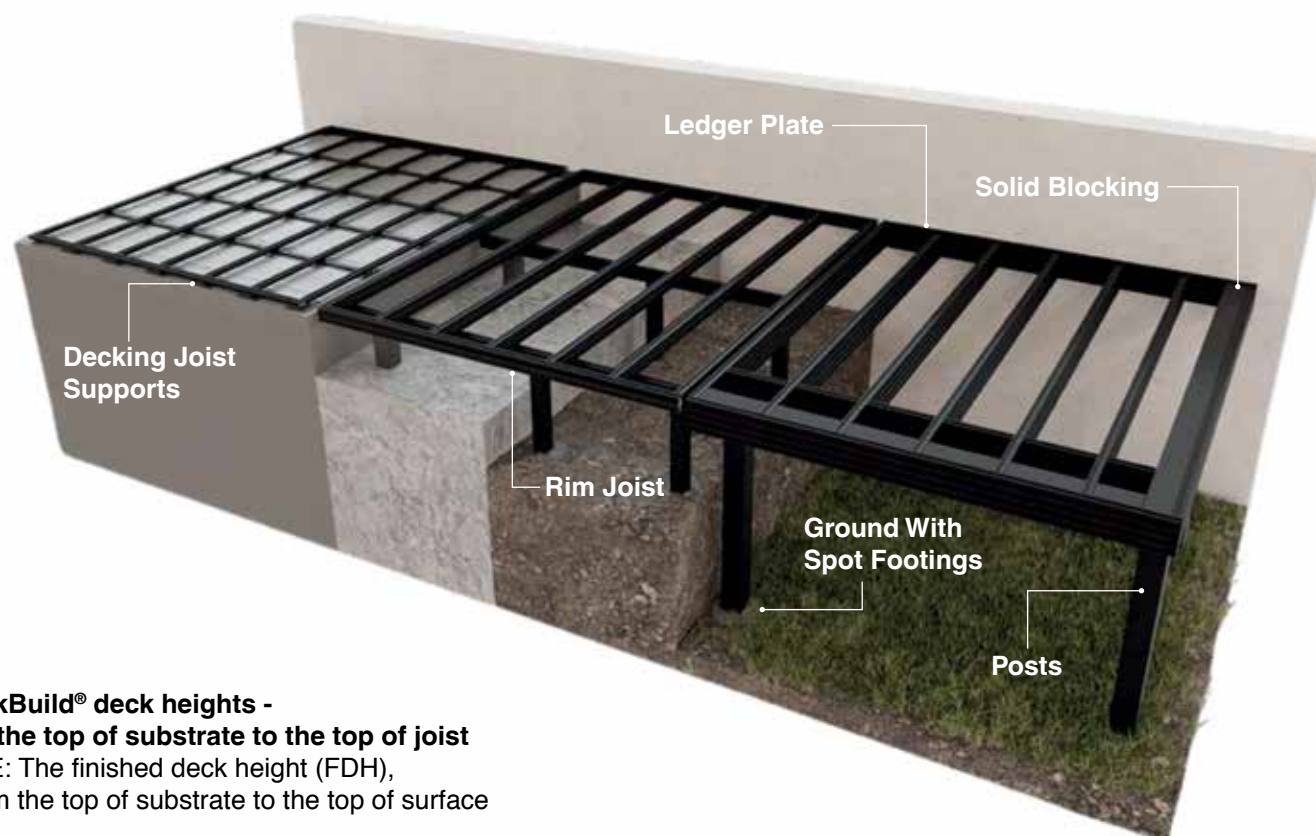


# Installation Guides & Surface Options

QwickBuild® structure, substrates & heights

## QwickBuild® Exclusive Advantages

- |                  |   |
|------------------|---|
| • Modular        | Easy to install components, configurable to suit all decks                            |
| • All surfaces   | Supports timber decking, leading composite brands, porcelain tiles, artificial grass  |
| • All heights    | A range of joist / beam profiles for ultra-low to elevated decks                      |
| • All substrates | Build your deck over concrete, pavers, waterproof membrane, natural ground            |
| • All projects   | Ideal for all specifications from simple residential to complex commercial decks      |
| • Optimised      | Leading design and quantification tech for framing, supports, and chosen deck surface |
| • Balustrading   | Components are engineered for simplified integration of handrailing and balustrading  |



### QwickBuild® deck heights -

**from the top of substrate to the top of joist**

NOTE: The finished deck height (FDH),  
is from the top of substrate to the top of surface

## One system, four surface options

### Composite Decking



Outdure® system is compatible with all brands of deck boards

### Timber Decking



### Porcelain Tiles



### Artificial Grass



### Multi-Surface Options:

- Composite Decking
- Timber Decking
- Porcelain Tiles
- Artificial Grass
- Combine surface types

### Over Multiple Substrates:

- Concrete Pads
- Existing Tiles or Paving
- Natural Ground
- Waterproofed Areas

### Features & Benefits:

- Moisture Proof
- Lightweight
- Straight & Level
- Versatile & Fast Install
- Durable, Corrosion Resistant Materials
- Minimal Waste
- Suitable for Handrailing & Balustrading

### Value Added Services:

- Project Scoping
- Concept Designs
- Construction Drawings
- Engineering
- Pre-Fabrication

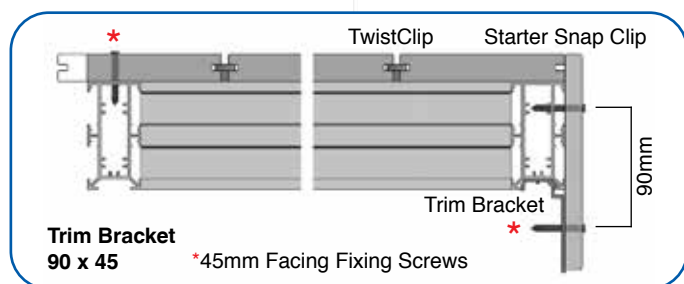
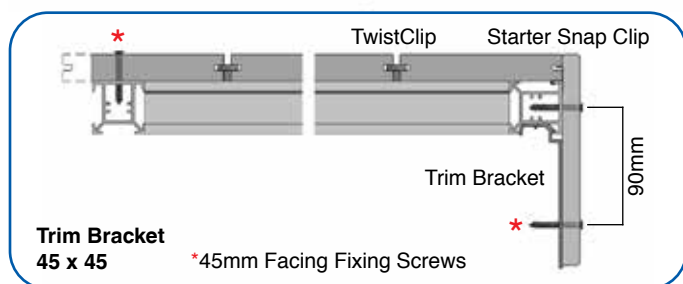
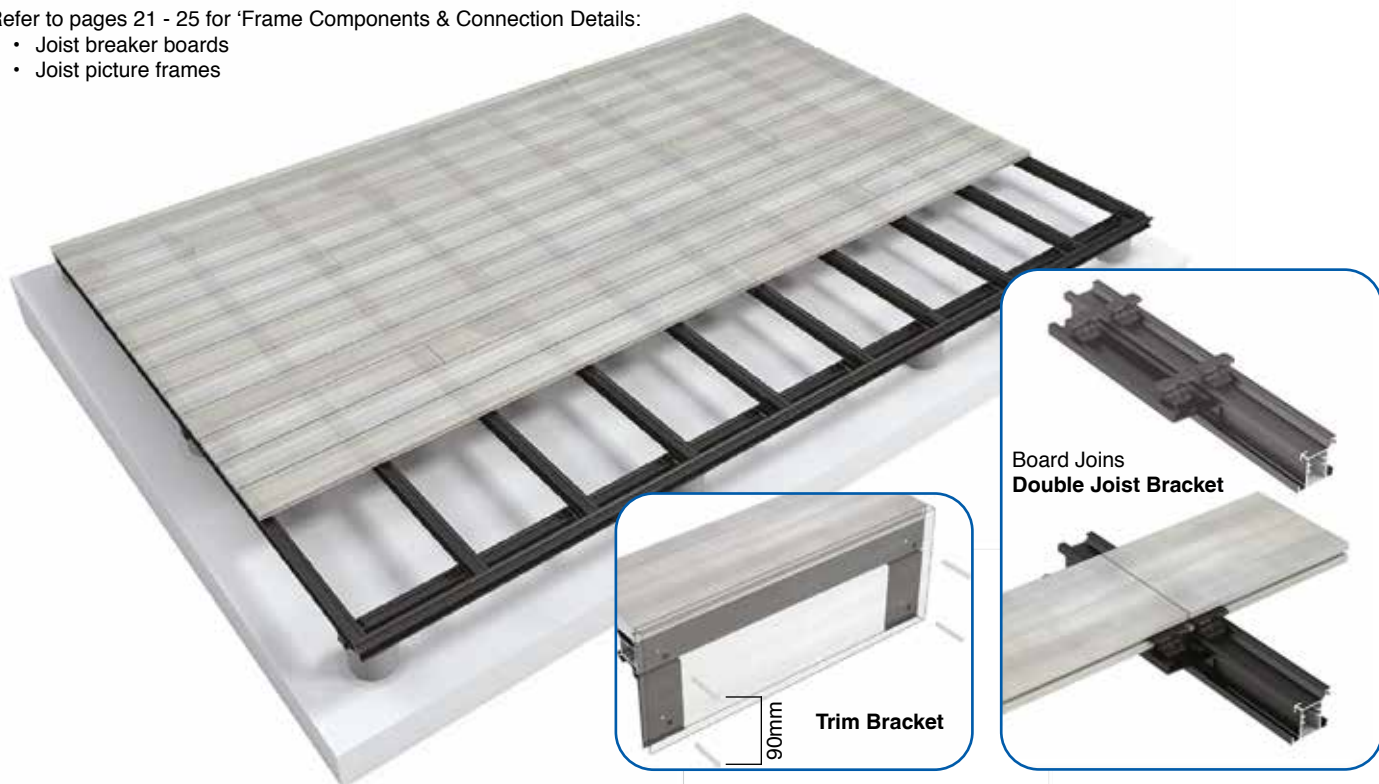


# Composite Deck Boards

Components required for installation

Refer to pages 21 - 25 for 'Frame Components & Connection Details':

- Joist breaker boards
- Joist picture frames



**rinato™ boards**  
without compromise

## Component List

Antique	Light Grey	Teak	Walnut	Charcoal	Silver Grey
		<b>Decking Boards:</b> Code: 70LGA001 Code: 70TW001 Code: 70CHSG001		3600 x 140 x 22.5mm	
		<b>Starter Boards:</b> Code: 70A002 Code: 70LG002 Code: 70T002 Code: 70W002 Code: 70CH002 Code: 70SG002		3600 x 140 x 22.5mm	
		<b>Fascia Boards:</b> Code: 70A003 Code: 70LG003 Code: 70T003 Code: 70W003 Code: 70CH003 Code: 70SG003		3600 x 120 x 10mm	

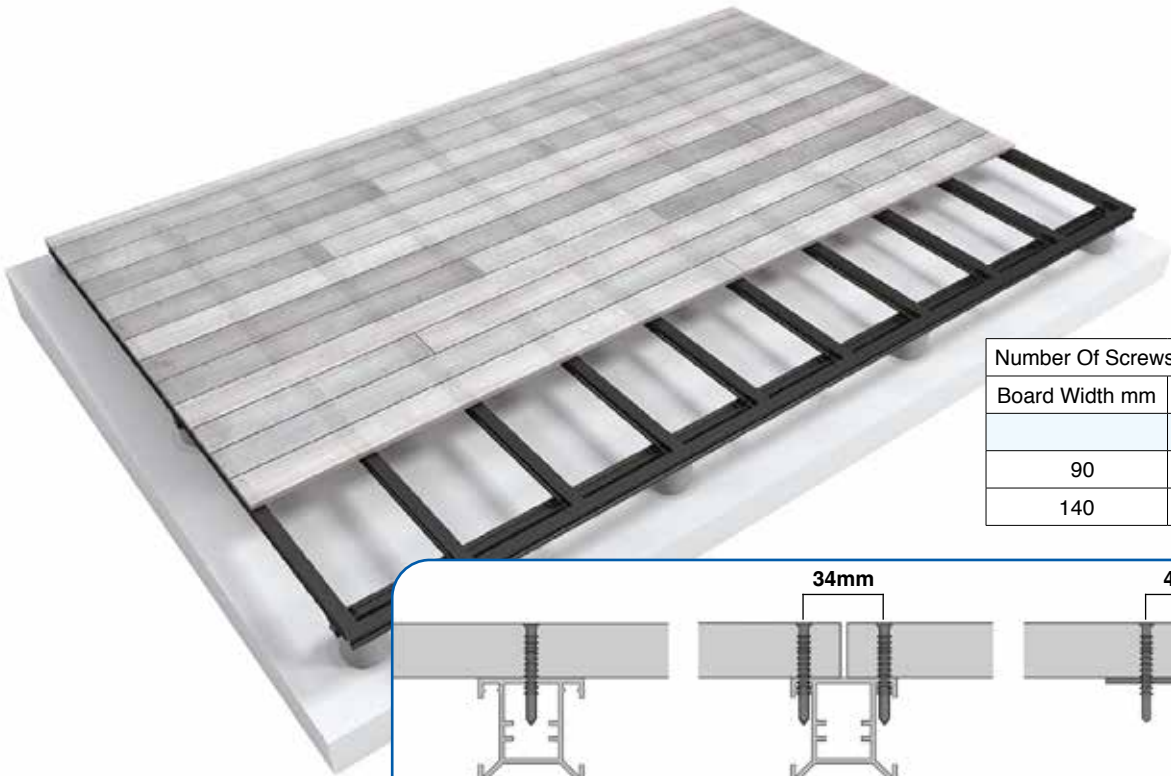
Outdure® system is compatible with all brands of deck boards

	<b>TwistClip:</b> Code: 92A51050X	20 p/m2
	<b>Starter Snap Clip:</b> Code: 92A59025X	As required 1 x @ 400mm centres on starting board recommended 1 x box minimum
	<b>45mm Face Fixing Screw:</b> Code: 92A62050X	As required Recommended 1 x box minimum (2 x @ 400mm centres for trim board)
	<b>Double Joist Bracket:</b> Code: 92A20520X	2.7 p/m2 Typically 1 x per end board join for 2.8m board
	<b>Trim Bracket:</b> Code: 92A20810X	As required 1 x @ 400mm centres
<b>Optional Components</b>		
	<b>Anti-Slip Strip:</b> Code: 92A840	If required. Reference surface installation guide

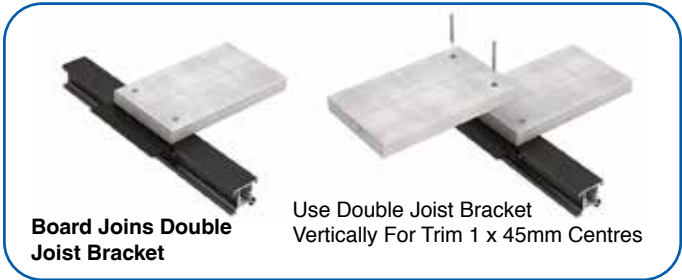
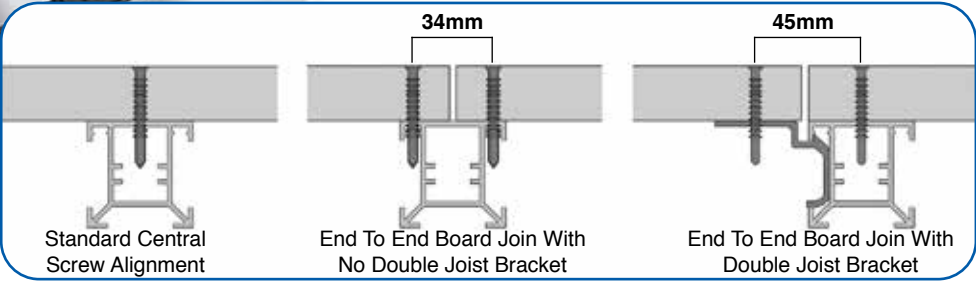
**Important:** Please note that different fixings will require the Outdure® QwickBuild® joists to be used at different orientations. If using Outdure® TwistClips, the joists should be channel side up. Where traditional board clips are used, the joists will need to be flat side up and pilot holes drilled for self-drilling screws.

# Timber Deck Boards

Components required for installation



Number Of Screws Required per m2				
Board Width mm	Joist Spacing mm			
	300	400	450	600
90	110	88	88	66
140	70	56	56	42

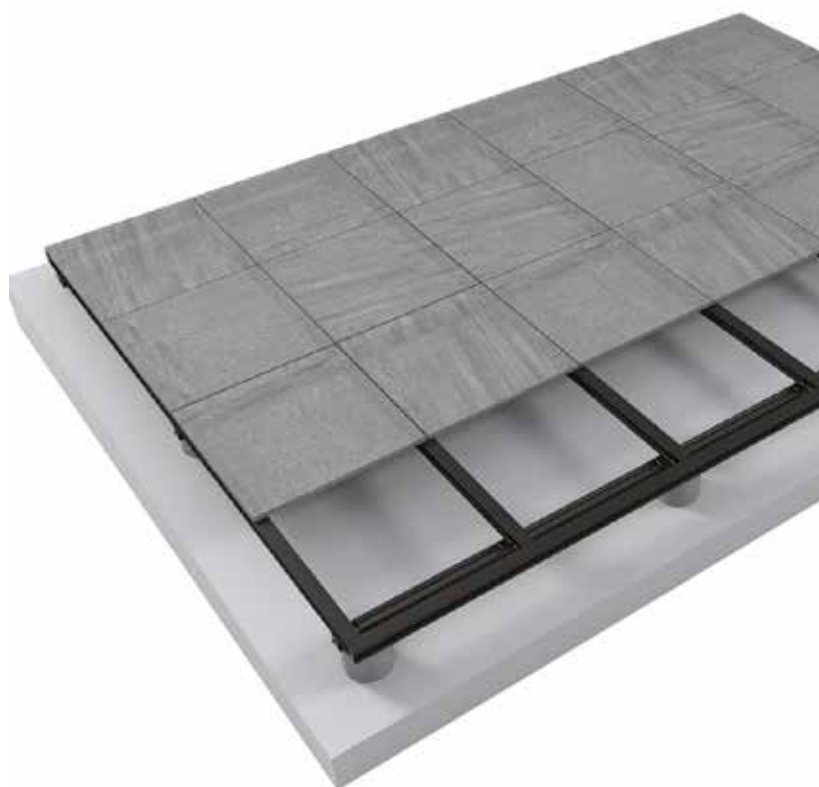


## Component List

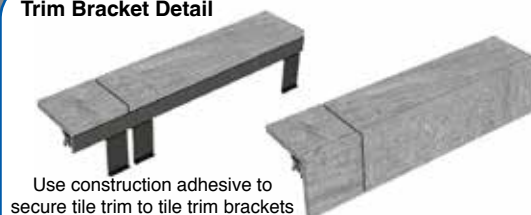
	<b>Treated Softwood Timber Deck Board:</b> Code: 92DB23212548	4800 x 125 x 32mm
	<b>36mm Screw (7/9/12mm head):</b> Code: 92A61050X	For 19 - 25mm board thickness
	<b>45mm Screw (7/9/12mm head):</b> Code: 92A62050X	For 25 - 32mm board thickness
	<b>Double Joist Bracket:</b> Code: 92A20620X	1 x end to board join typically 2.7 p/m2 1 x @ 450mm centres for vertical trim

# Porcelain Tiles

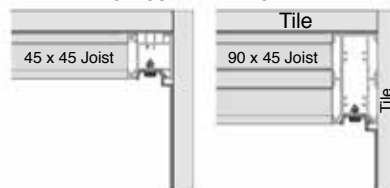
Components required for installation



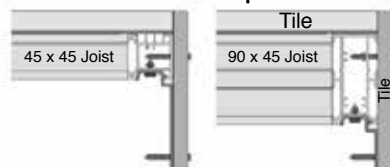
## Trim Bracket Detail



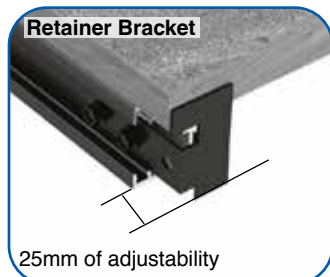
## Tile Deck With Tile Trim



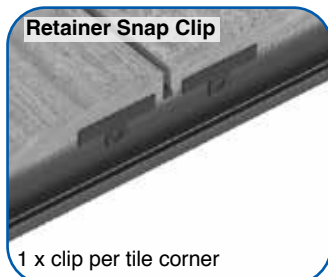
## Tile Deck With Composite Trim



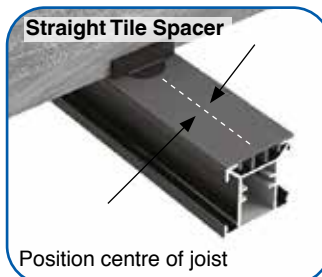
## Retainer Bracket



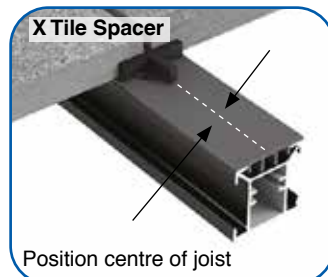
## Retainer Snap Clip



## Straight Tile Spacer









## X Tile Spacer



**GLOBAL STONE**  
NATURAL STONE & PORCELAIN

## Component List

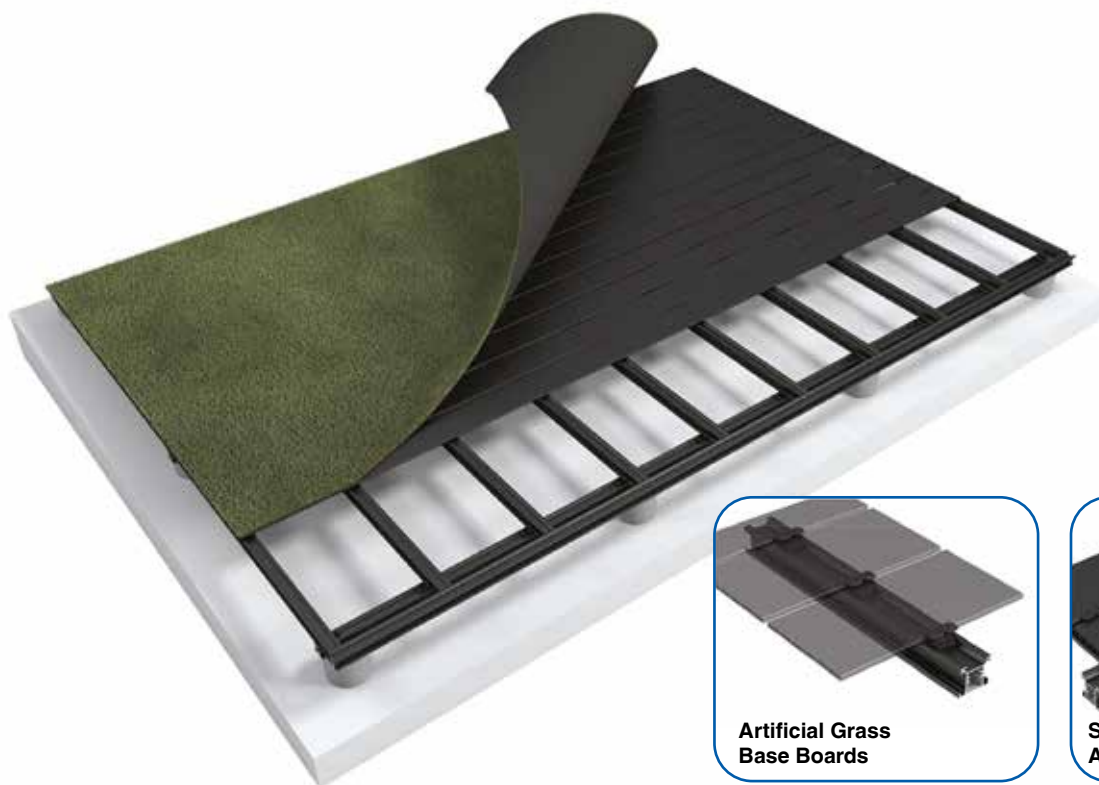
	<b>Porcelain Tiles:</b> Code: 92SWPE6060 Code: 92SWPE9060	<b>White</b> 600 x 600 x 20mm 900 x 600 x 20mm
	<b>Porcelain Tiles:</b> Code: 92SIPE6060 Code: 92SIPE9060	<b>Iron</b> 600 x 600 x 20mm 900 x 600 x 20mm
	<b>Porcelain Tiles:</b> Code: 92SPPE6060 Code: 92SPPE9060	<b>Pearl</b> 600 x 600 x 20mm 900 x 600 x 20mm
	<b>Porcelain Tiles:</b> Code: 92SBPD6060 Code: 92SBPD9060	<b>Black</b> 600 x 600 x 20mm 900 x 600 x 20mm

	<b>Retainer Snap Clip:</b> Code: 92A70325X	2 x per perimeter tile
	<b>Retainer Bracket:</b> Code: 92A70225X	2 x per joist end 1 x every 5th tile
	<b>Cross Spacer:</b> Code: 92A71025X	As required 1 x every tile corner (shared)
	<b>Straight Spacer:</b> Code: 92A71125X	As required 1 x per perimeter tile
	<b>Trim Bracket:</b> Code: 92A71210X	2 x per perimeter tile
	<b>Tile Rubber Bead:</b> Code: 92A701	Sits into top of QwickBuild® joist to isolate noise & friction



# Artificial Grass

Components required for installation



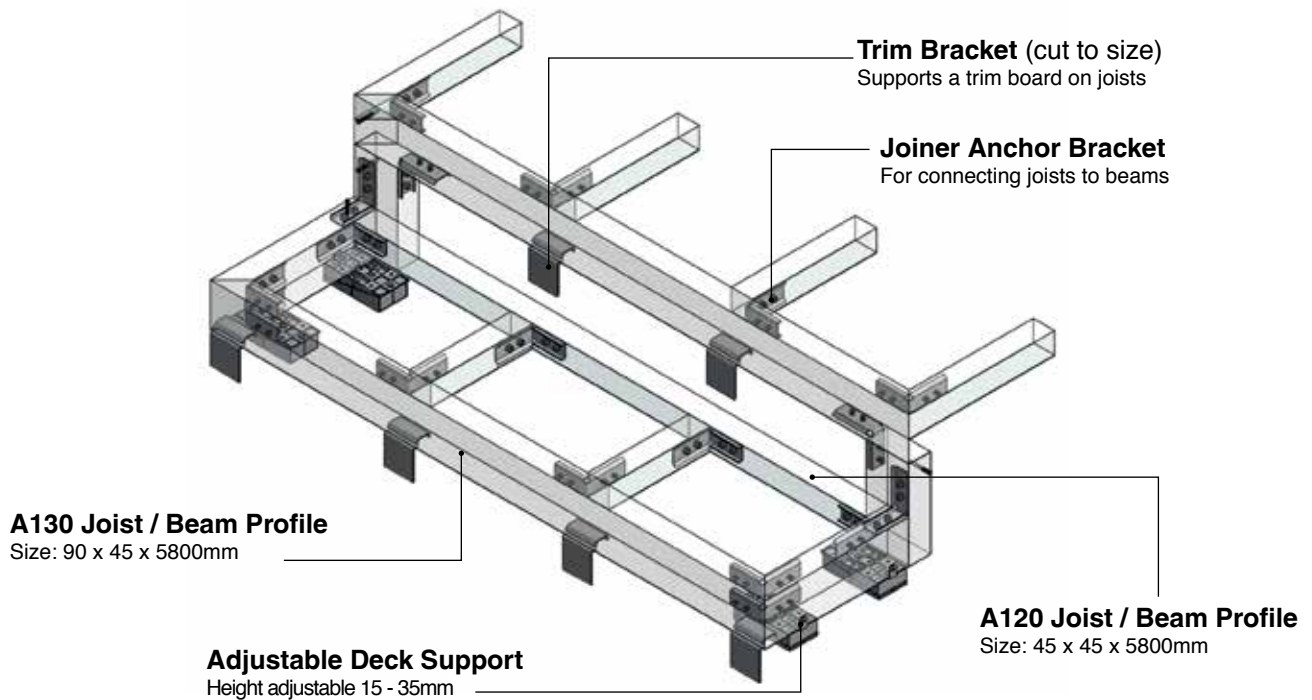
## Component List

	<b>Artificial Grass:</b> Code: 92AGB30	<b>Burley</b> 30mm deep
	<b>Artificial Grass:</b> Code: 92AGW35	<b>Wilverley</b> 35mm deep
	<b>Artificial Grass:</b> Code: 92AGP40	<b>Pragma</b> 40mm deep

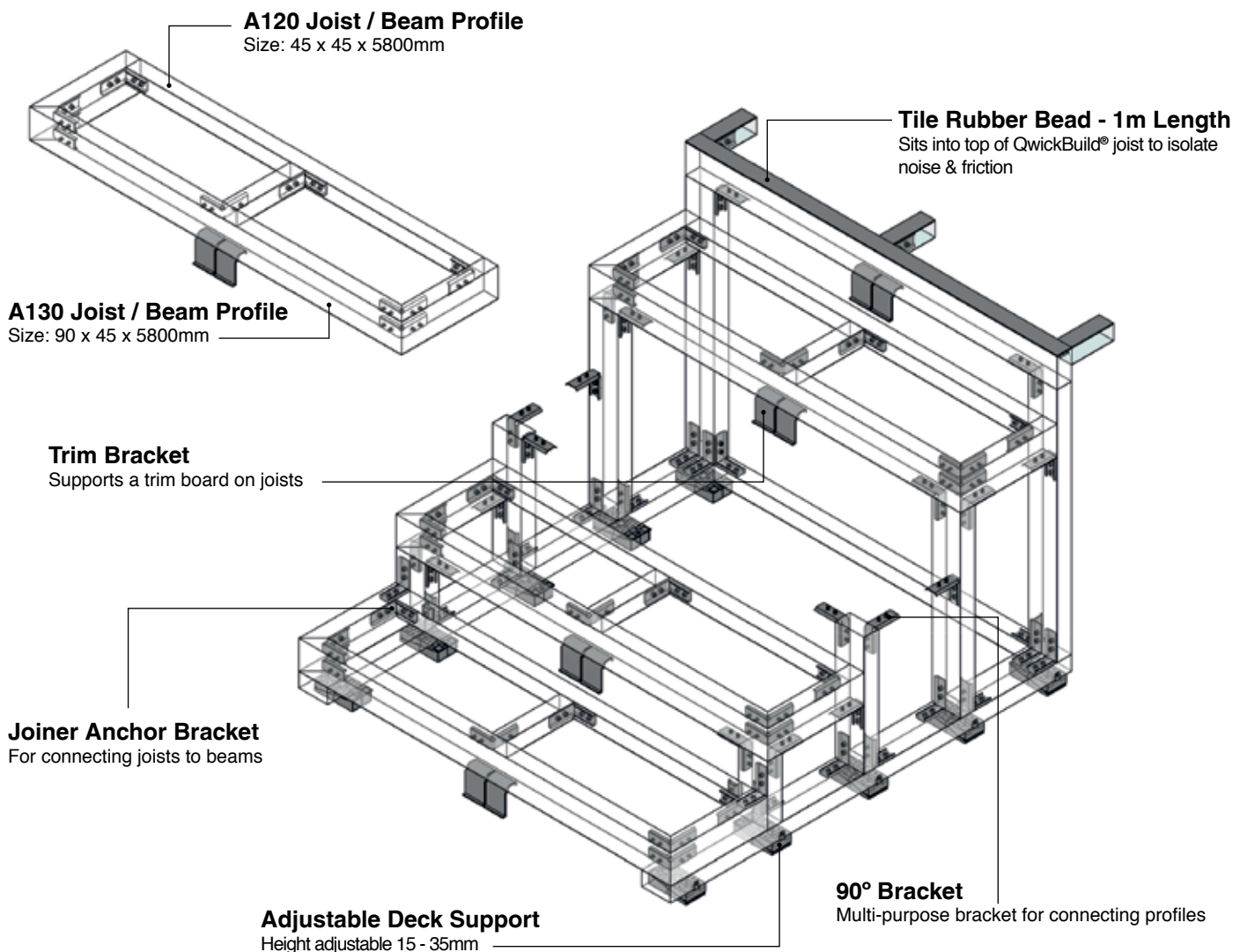
	<b>TwistClip:</b> Code: 92A51050X	20 p/m2
	<b>Starter Snap Clip:</b> Code: 92A59025X	As required
	<b>Base Boards:</b> Code: 92A801	7 im / m2
	<b>20mm Flat Head Screw:</b> Code: 92A81050X	@ 150mm centres
	<b>30mm Flat Head Screw:</b> Code: 92A81150X	As required
<b>Optional Components</b>		
	<b>Anti-Slip Strip:</b> Code: 92A840	If required. Reference surface installation guide

# Brief Overview Of Stair Frames

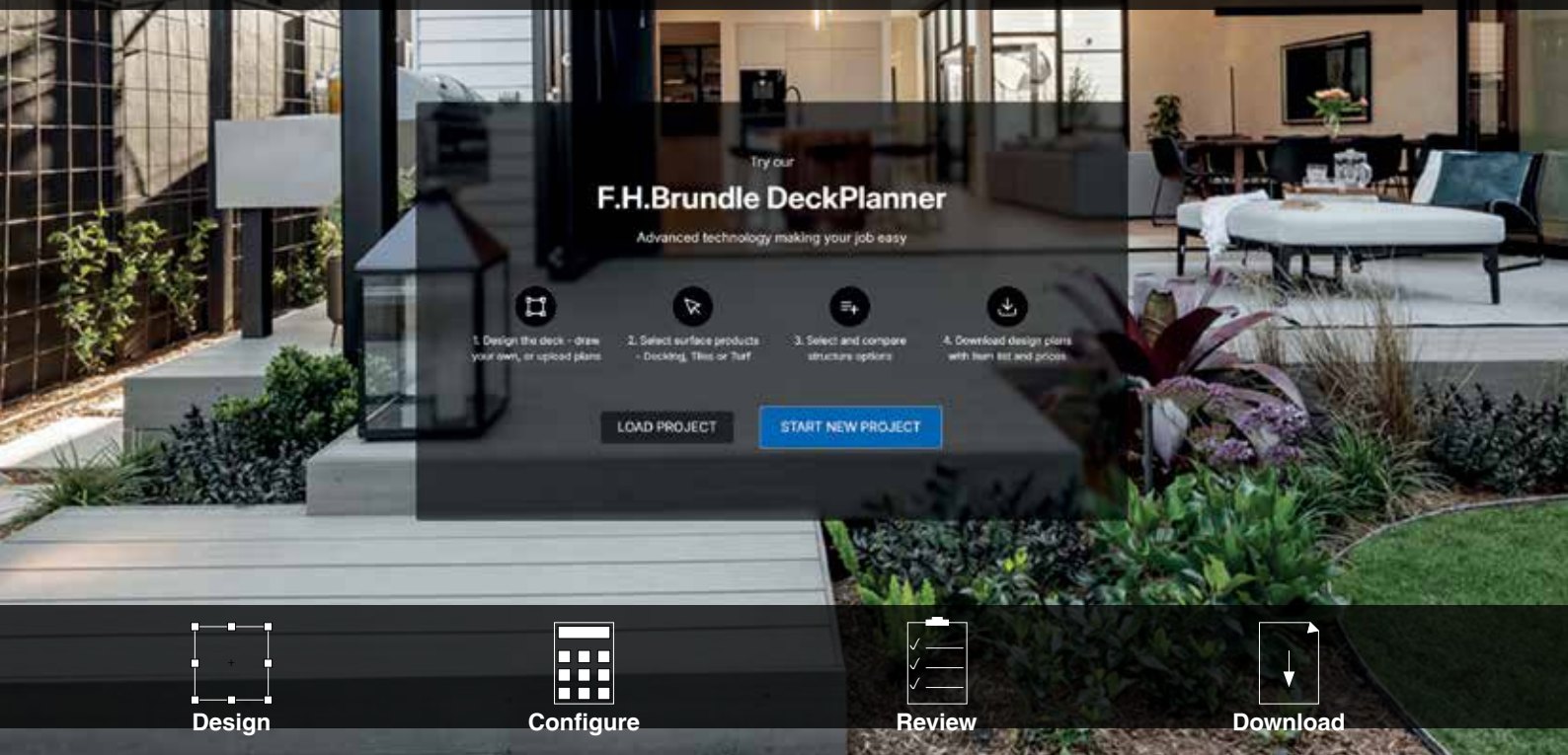
## Composite Deck Boards - 2 Boards Wide With 2 Risers



## Porcelain Tiles - Standard Design Detail 600 x 600 x 20mm / Riser 186mm



Design and quantify your deck and frame in minutes with the **DeckPlanner** tool:  
[www.fhbrundle.co.uk/lp/deckplanner](http://www.fhbrundle.co.uk/lp/deckplanner)



## The process

Design

Simply enter your project information online to get started on your deck design

Configure

Compare surface layouts and frame + support options, all calculated to deck height, and substrate

Review

Refine your deck design, review your pricing, and select your preferred option

Download

Confirm your order details to receive your itemised material list, custom plans, and installation guides

## Your customised project information pack includes:

Shopping list:

Itemised list and prices of all materials required

Design:

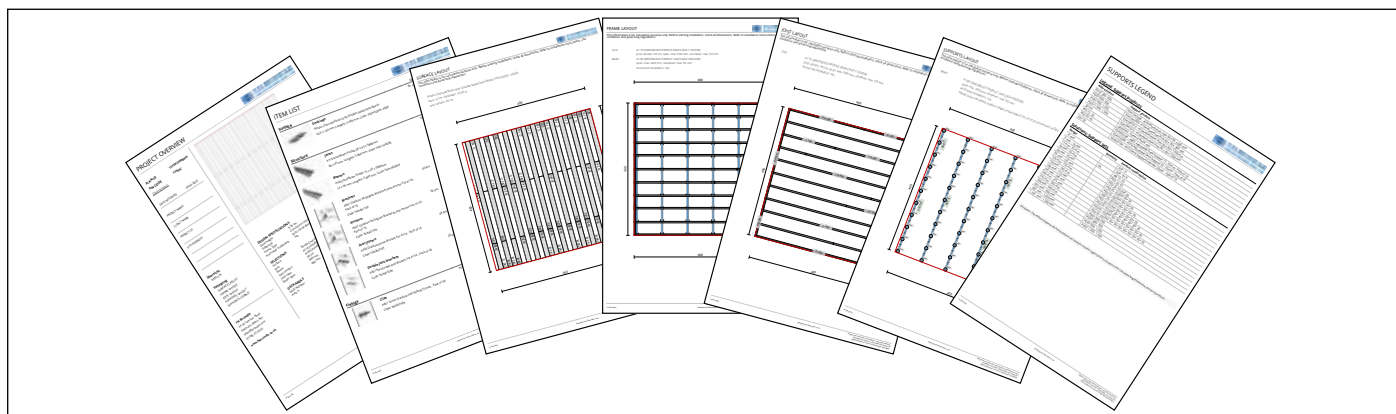
Easy-to-follow layout for your chosen deck surface

Engineering:

Structure layouts for joists, beams, and supports

Installation guide:

Step-by-step overview



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