



Non-Combustible Aluminium Decking,  
Wood Composite Decking,  
Cladding, Balustrade & Fencing




Sustainable Desirable Affordable

Projects include:



THE BRENCHLEY





At the forefront of developing an environmentally friendly alternative to natural wood, Builddeck offers high quality composite from responsibly sourced, wood 100% FSC® certified and reclaimed high density plastics.

The innovative production process not only gives value to the waste materials, which would otherwise accumulate in landfill sites, it also creates a durable, low maintenance product that offers the look and feel of traditional timber.



Quick & easy  
installation



Low risk of slip  
groove surface



Builddeck concealed  
clip system



Look & feel of  
traditional timber



Low maintenance  
& does not rot



Extensive range of  
colours & design

## MODERN AND SUSTAINABLE DECKING FOR BALCONIES AND ROOF TERRACES OF SOME OF THE UK'S MOST ICONIC BUILDINGS



### BALTIMORE TOWER, LONDON

Baltimore Towers original design consisted of hardwood decking for each of the buildings balconies, this would have involved the cutting down of up to 9500 square feet of forest, which did not fit in with the sustainable legacy that the regeneration project demanded.

Builddeck decking is a combination of **FSC® certified** eucalyptus with recycled HDPE plastic, this along with the low maintenance, long life properties of our boards made it the ideal solution to the sustainability issue that O'Shea Construction faced.





### 3 GLASS WHARF, BRISTOL

Our wood composite boards were chosen for the decking of the balconies across the levels on this project due to the sustainable and **eco-friendly** nature of our products, and with the project built to achieve a **BREEAM** rating of above 70 (excellent), this was highly important when looking for supplies.

Working closely with Hazelwood, we were on site to ensure the desired look was achieved whilst ensuring the product met all standards and requirements.





## CASTILLA, LONDON

Castilla is a flagship residential building and is part of the wider Elephant and Castle regeneration programme in Greater London.

The tower is designed to be one of the tallest residential towers in London, standing at **45 storeys** high.

We were asked to supply our environmentally friendly solid composite decking for all of the **balconies** throughout the building, in keeping with the towers proposed lasting green legacy.





## HARBOUR CENTRAL, LONDON

Comprising of 5 residential buildings and a leisure complex, Harbour Central houses 642 private apartments, including 8 penthouse apartments.

We were excited to be involved in such a grand project and provided bespoke profile boards for the balconies and roof terraces.

As a **manufacturer** we worked closely with the architect to provide a **bespoke design** and solution to meet the specifications for this high value project.



A DURABLE TIMBER ALTERNATIVE, ABLE TO WITHSTAND A HEAVY FOOTFALL AND HARSH WEATHER CONDITIONS

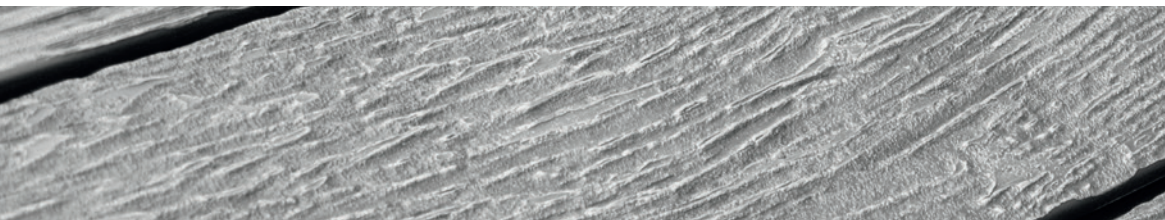


WATERGATE BAY  
HOTEL

## WATERGATE BAY, CORNWALL

Providing a spectacular view of the sea and attracting a scalable amount of the UK's surfing community, The Watergate Bay Hotel realise the importance of maintaining the look and feel of a traditional beach resort.

Once the decision was made to **upgrade** the outdoor dining and seating area, the decking required would need the sustainability to withstand the heavy footfall and **harsh weather** conditions, while also offering the aesthetics of traditional timber.





  
**THE DUNES**  
CORNWALL

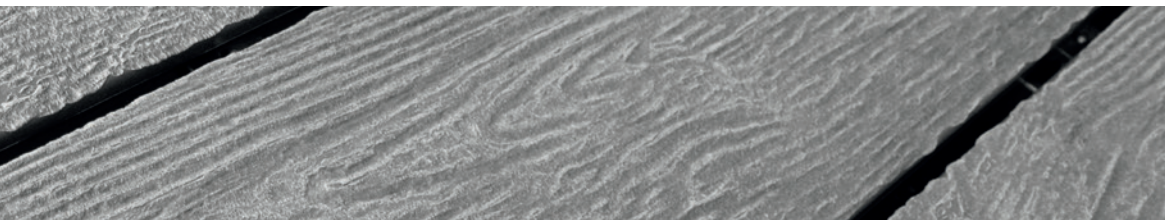


## THE DUNES, PERRANPORTH

The Dunes is a striking development that is set amongst three miles of undulating golden sands of Perranporth Beach,

The decking within the balconies and roof terraces is required to withstand the coarse sea air **all year round** while maintaining the look and feel of traditional timber.

Builddeck Vintage range was the perfect option with our **10 year commercial warranty** as well as being a very low maintenance decking to help minimise any disruption to the visitors and holiday dwellers.



## LOW MAINTENANCE, DURABLE DECKING WITH THE LOOK AND FEEL OF TRADITIONAL TIMBER



### Marina Decking

Decking within marina areas face unique challenges with a constant exposure to water and sunlight, while also needing to maintain structural integrity and be aesthetically pleasing.

Builddeck marina decking successfully ticks all those boxes and more, being low maintenance and sustainable, even when used in moorings and waterfront walkways.

Our marina decking also offers increased safety in wet conditions with a low risk of slip grooved surface, even when wet, which will not rot or be susceptible to salt.





## DONINGTON PARK, LEICESTERSHIRE

The decision was made to revamp the track's executive boxes and VIP suites. This included the suites external spectating balconies in which the owners wanted to use a material that would be modern, easy to install and would be able to cope with regular heavy usage with minimum maintenance.

Builddeck composite products offered a **low risk of slip** surface, even when wet, which made it the ideal choice along with our quick and easy to install **concealed clip** system which would upgrade their executive boxes with a minimal amount of disruption.



## OUTDOOR SEATING AREA UPGRADE WITH MODERN, LOW RISK OF SLIP DECKING, EVEN WHEN WET



buildingwithframes



### GWEL AN MOR, CORNWALL

The resort of Gwel an Mor in Cornwall is a five star luxury holiday resort. The accommodation takes full advantage its close proximity to the beach, and thus requires strong and durable outdoor flooring that is also designed to **minimise any risk of slippage** when wet, as well as fitting with the resorts 'modern meets rustic' theme.

Builddeck composite decking was chosen for each the lodges outdoor seating and **hot tub areas**. The team was impressed not only with our composite decking but in our commitment to work with them throughout each stage of the project.





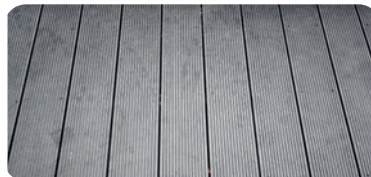
THE BRENCLEY  
MAIDSTONE



## THE BRENCLEY, MAIDSTONE

The Brencley is a beautiful pub located in a Grade II listed building that was designed by Frederick Charles Palmer in 1927 as the home of NatWest & Kentish Bank. It was lovingly transformed into Maidstone town centre's first independent free-house to open for more than two decades.

The owners approached Builddeck to provide the decking for their refreshing new outdoor seating area. Our Vintage board was chosen as it provides strong durability and able to withstand the wear and tear created by the **heavy footfall** of the pubs patrons, as well as its **low slip potential** properties of the Vintage grooved surface.



AS SEEN ON TV, QUICK AND EASY INSTALLATION FOR BEAUTIFUL,  
BARE FOOT FRIENDLY OUTDOOR DECKING AREAS



itv



## HAVEN HOUSE, CHILDREN'S HOSPICE

Like many charities of this nature, the hospice does not have a great deal of funding and so was delighted when it qualified for assistance as part of the 2014 ITV Text Santa campaign and the **60 Minute Makeover** Programme.

A child and bare foot friendly decking area was to be included within the design **upgrade**.

After being contacted by the ITV production team, we were delighted to donate the **FSC® certified** decking required by the contractors and environmental department.





LOVE YOUR  
**GARDEN**  
with  
ALAN TITCHMARSH



## LOVE YOUR GARDEN, HEMEL HEMPSTEAD

We were proud to be asked by ITV again to participate in **The Alan Titchmarsh Love Your Garden Show** with the episode taking place in Hemel Hempstead.

The team loved the decking with its versatility and **ease to install**. With such a large surface area to cover, “the biggest deck we’d ever done” according to Mr. Titchmarsh, the construction went a lot faster with our quick and easy **concealed clip system**.



## SUSTAINABLE AND BEAUTIFUL CLASS B FIRE RATED EXTERNAL CLADDING



### ROSEDALE PRIMARY SCHOOL, HAYES

The Rosedale Primary School in Hayes, Middlesex was scheduled to move in to a new purpose-built premises in September 2014 as part of the desire of the Rosedale Hewens Academy Trust to create small schools that allow staff to better engage with pupils.

Buildeck has a proven track record of supplying for **large-scale projects** to tight deadlines and has worked on high profile builds in the UK and internationally. We were contacted by Balfour Beatty to provide our cladding for Rosedale in the initial development phase to deliver once the main building work was complete.





## KFC, EXETER

A ten-night refresher of a KFC restaurant in Exeter by **Jephsons** has seen it left sporting the brand-new distinctive exterior look that presents a completely new image from the traditional red-fronted style customers have become used to seeing.

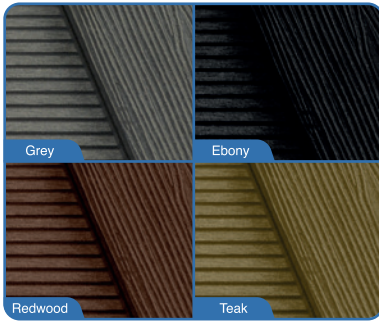
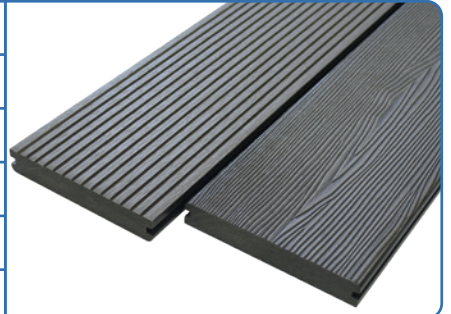
Builddeck composite cladding was required to replace the existing industrial style aluminium panels, leaving the restaurant with a sustainable and beautiful, more traditional, timber effect external finish.



## Wood Composite Decking

## Vintage Range

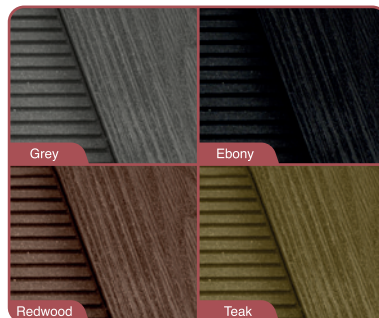
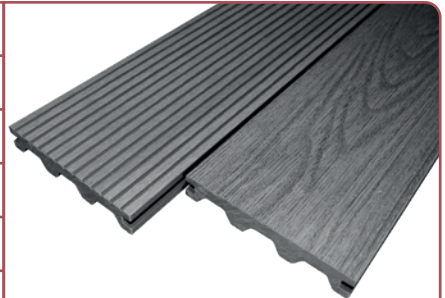
Dimensions	Width: 146 mm Depth: 23 mm
Lengths available	2.4 & 3.6 Metres
Design / finish	Reversible: Woodgrain & groove
Colour options	Ebony, Grey, Teak & Redwood
Installation options	Concealed clip & screw system
Other	Colour matching screws available



## Wood Composite Decking

## Victoria Range

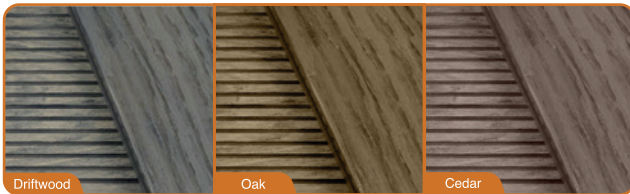
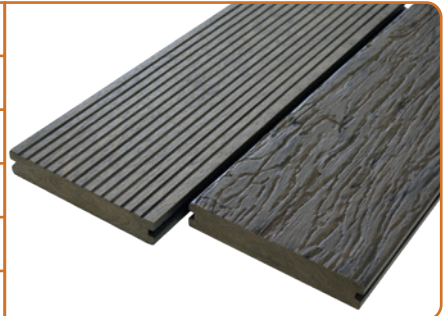
Dimensions	Width: 135 mm Depth: 23 mm
Lengths available	3.6 Metres
Design / finish	Woodgrain & groove
Colour options	Ebony, Grey, Teak & Redwood
Installation options	Concealed clip
Other	Not suitable for screw system





# Wood Composite Decking


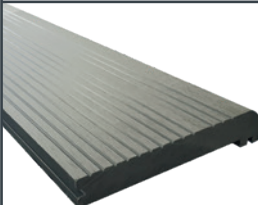
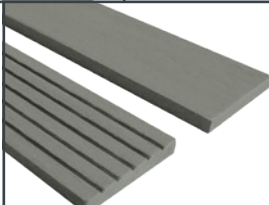
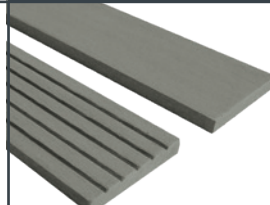
# Heritage Range

Dimensions	Width: 150 mm Depth: 25 mm
Lengths available	2.4 & 3.6 Metres
Design / finish	Reversible: Woodgrain & groove
Colour options	Driftwood, Cedar & Oak
Installation options	Concealed clip & screw system
Other	Colour matching screws available

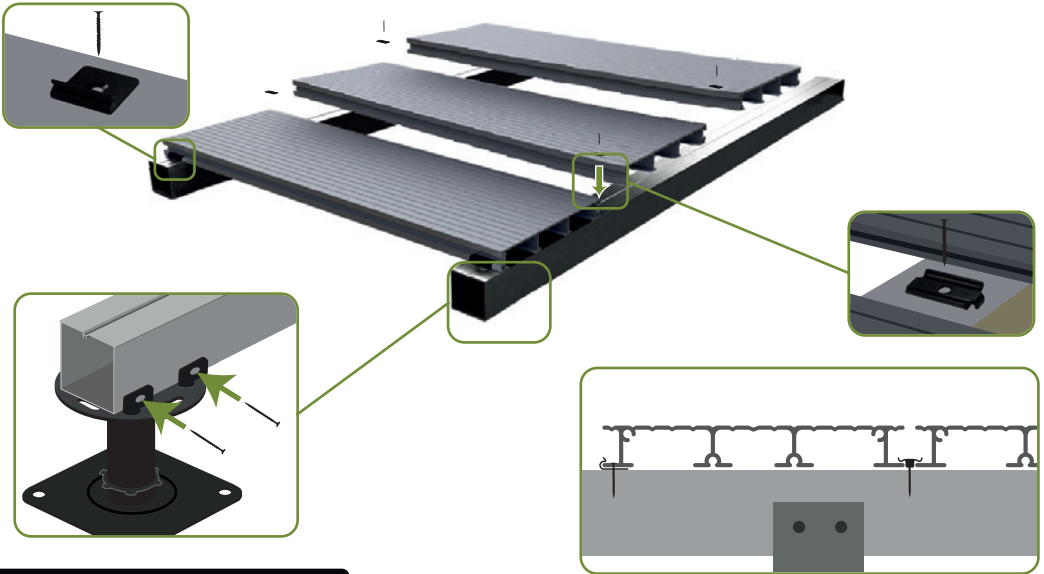


Fixings for concealed clip system			
	<b>Universal Starter clip</b> 30 x 30 x 14 mm Stainless steel		<b>Locking clip</b> 33 x 18 x 11 mm Stainless steel Black
	<b>Victoria Starter clip</b> 34 x 27 x 20mm Stainless Steel		<b>M3.9 screws &amp; T15 Torx</b> Stainless steel

Fixings for traditional screw system	
	<b>Tapered Drill Bit &amp; T20 Torx</b> Stainless steel
	<b>M5 Screws</b> <div style="display: flex; justify-content: space-around;"> <span>■ Ebony</span> <span>■ Grey</span> </div> <div style="display: flex; justify-content: space-around;"> <span>■ Teak</span> <span>■ Redwood</span> </div>

Additional decking accessories		
	Dimensions	Width: 146 mm Depth: 23 mm
	Lengths available	3.6 Metres
	Design / finish	Reversible: Woodgrain & groove
	Colour options	Grey, Ebony, Teak & Redwood
	Installation option	screw system only
	<b>Step board</b> 2200/2400 x 168 x 23 (30) mm	
	<b>Fascia trim 60mm</b> 2400 x 60 x 10 mm	
	<b>Fascia trim 100mm</b> 3600 x 100 x 10 mm	

# Non-Combustible Aluminium Decking System



## Why aluminium decking?

- Class A fire rating**  
 Aluminium is a non-combustible material which won't burn.
- Environmentally friendly**  
 Builddeck aluminium decking is 100% recyclable with no downgrading of it's properties.
- Light weight structure**  
 Aluminium is far lighter than timber, and will impose far less weight on supporting roof structures.
- Superior strength**  
 Aluminium will not bow between supports or pedestals.
- Quick and simple installation**  
 Can be simply installed using our concealed clip system.
- Low slip potential**  
 The grooved surface design offers a low slip potential even when wet.
- Low maintenance**  
 Aluminium decking is extremely durable and will not need replacing or on-going surface treatment.
- Extensive range of colours**  
 Decking is available in Grey and Ebony, however any standard RAL colour is available upon request for large projects.

## Test

## Description

Reaction to fire	Powder Coated: EN 13501-1: Class A2 Anodized: EN 13501-1: Class A1	Non-combustible
Pendulum slip test	DRY 61 WET 42 (Low slip potential)	
Material grade	T6-6063 Aluminium	
Board dimension	145 x 21 x 3600 mm	Bespoke lengths available
Joist span	600mm	
Profile	Grooved and Textured	
Finish	Powder Coated	
Colour	Standard: RAL 7040 Standard: RAL 7016	Any standard RAL colour available
Allowable load (Uniformly distributed)	Max 4.0 kN/m <sup>2</sup>	
Allowable load (Concentration)	Max 2.0 kN/m <sup>2</sup>	
Accessories	End caps / Side cover / Clips / Aluminium joists / Metal pedestals	

Also available in any standard RAL colour\*

### Individual boards

Length: 3600mm

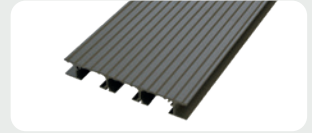
Width: 145mm

Depth: 21mm

Bespoke lengths also available



Ebony



Grey

### Aluminium joists



#### Field

#### Description

Reaction to fire	EN 13501-1: Class A2 Non-combustible
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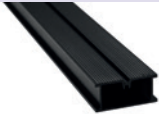
Material	T5-6063 Aluminium
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Profiles	22 x 48mm 38 x 48mm 72 x 48mm
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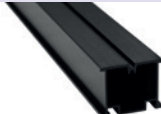
Length	3600 mm
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Finish	Powder Coated
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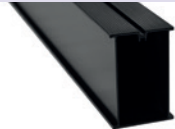
Support spans	22 x 48mm: 400mm 38 x 48mm: 600mm 72 x 48mm: 800mm
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22mm x 48mm



38mm x 48mm



72mm x 48mm

#### Field

#### Description

Height range	20 - 600mm
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Base size	100 x 100 x 2mm
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Head Diameter	90mm
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Pedestal material	Powder coated
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Reaction to fire	EN 13501-1: Class A1
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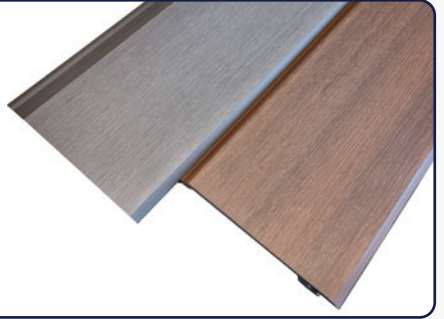
Max working pedestal load	2 kN force on center
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### Steel Support Pedestals



## Wood Composite Cladding

Dimensions	Width: 146 mm Depth: 21 mm
Coverage	126 mm
Lengths available	3.6 Metres
Design / finish	Woodgrain
Colour options	Grey & Redwood
Installation options	Concealed screw system



Grey

Redwood



## Wood Composite Fencing

Dimensions	1800 x 1200mm / 1800 x 1800mm
Panel size	1783 mm x 159 mm
Design / finish	Smooth
Colour options	Grey & Redwood
Installation options	Interlocking installation system
Other	Aluminium post, support & reinforcement



Panel

Post

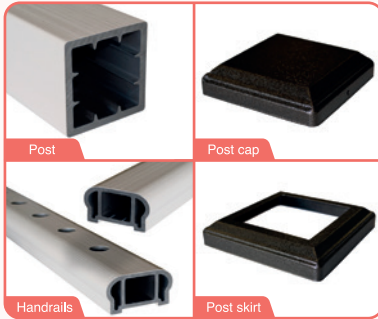
Rail

Post cap



## Wood Composite Balustrade

Height	1.25 Metres
Width	1.92 Metres
Design / finish	Co extruded
Colour options	White & Grey
Installation options	Subframe or ground fix
Other	FSC® 100% Certified



For more information on any of our composite products,  
Please visit [www.builddeck.co.uk](http://www.builddeck.co.uk)

To arrange a **free** quotation or to discuss your project in more detail,  
please call **01438 362 547** or email [info@builddeck.co.uk](mailto:info@builddeck.co.uk)



# BUILDDECK

Contact Builddeck **now** for any further information and for a free no obligation quotation



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