

# COMPLETE NON-COMBUSTIBLE DECKING SYSTEM

Aluminium Decking • Aluminium Substructure • Steel Pedestals

**A quick, easy and  
sustainable decking solution**

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**BUILDDECK**

DECKING | CLADDING | FENCING | BALUSTRADE

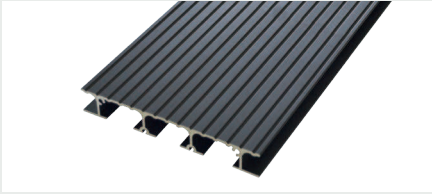


At the forefront of developing an environmentally friendly alternative to traditional timber options, Builddeck aluminium decking and substructure with steel pedestals offers a Class A fire rating with the great aesthetics of timber.

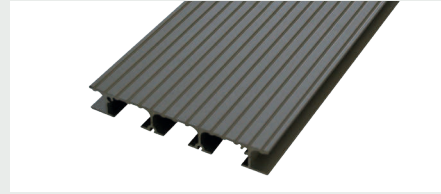
Test	Description
Reaction to fire	Powder Coated: EN 13501-1: Class A2 Anodized: EN 13501-1: Class A1   Non-combustible
Pendulum slip test	DRY 105 WET 84 (Low slip potential)
Material grade	T6-6063 Aluminium
Board dimension	145 x 21 x 3600 mm   Bespoke lengths available
Joist span	600mm
Profile	Grooved
Finish	Powder Coated
Colour	Standard: RAL 7040 Standard: RAL 7016   Any standard RAL colour available
Allowable load (Uniformly distributed)	> 4.0 kN/m <sup>2</sup>
Allowable load (Concentration)	> 2.0 kN/m <sup>2</sup>
Accessories	End caps / side / clips / aluminium joists / metal pedestal

## Colours Available

Also available in any standard RAL colour



RAL 7016



RAL 7040

## Aluminium joists



### Field

### Description

Reaction to fire	Powder Coated: EN 13501-1: Class A2 Non-combustible
Material	T5-6063 Aluminium
Profiles	22 x 48mm 38 x 48mm 72 x 48mm
Length	3600 mm
Finish	Powder Coated
Support spans	22 x 48mm: 400mm 38 x 48mm: 600mm 72 x 48mm: 1200mm



22mm x 48mm



38mm x 48mm



72mm x 48mm

### Field

### Description

Reaction to fire	Powder Coated: EN 13501-1: Class A2
Material	Steel
Base size	diameter: 82mm
Height range	25mm - 600mm
Finish	Galvanized
Max working pedestal load	6 kN

## Steel Pedestals



## 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 its 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.



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