COMPLETE NON-COMBUSTIBLE DECKING SYSTEM

Aluminium Decking • Aluminium Substructure • Steel Pedestals

A quick, easy and sustainable decking solution

www.builddeck.co.uk
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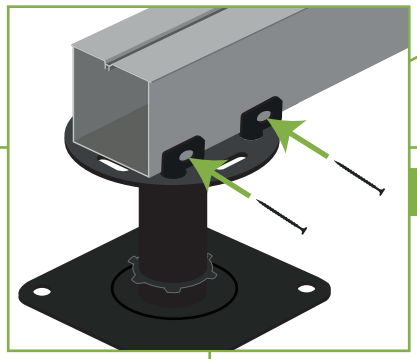
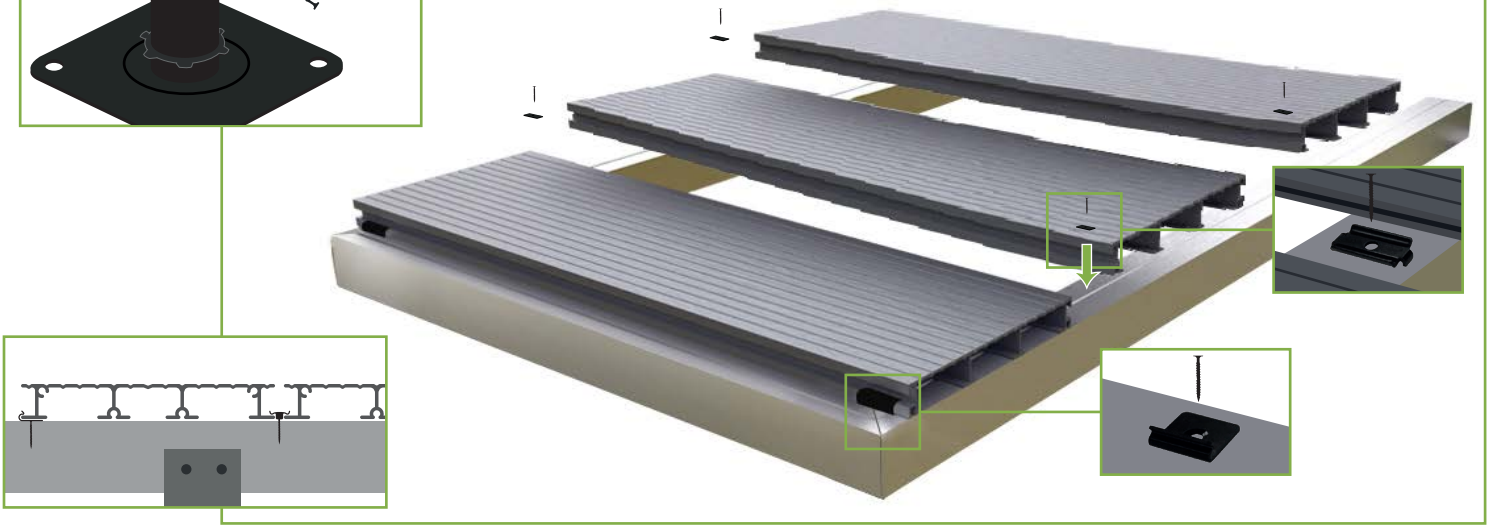
Unit 4 Senate Place, Whitworth Road, Stevenage, SG1 4QS

BUILDDECK
DECKING | CLADDING | FENCING | BALUSTRADE

Hidden Clip System



Fitted to metal frame - Balcony



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_2	
Allowable load (Concentration)	2.0 kN/m_2	
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: 800mm

22mm x 48mm

38mm x 48mm

72mm x 48mm

Field	Description
Reaction to fire	Powder Coated: EN 13501-1: Class A2
Base Plate	100 x 2mm
Head plate	90 x 3mm
Height range	25mm - 600mm
Finish	Powder Coated
Max working pedestal load	2 kn force on center

Steel Pedestals

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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.

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