



C E L U P L A S T
B U I L D I N G S O L U T I O N S

BALCONY, TERRACE, AND WALKWAY SOLUTIONS

Guide for **NEW-BUILD** and
REMEDIATION Projects



ALIDECK

Decking Systems

A2-s1, d0
A2fl-s1
FIRE
RATED

Non-combustible decking systems are available to suit your exact requirements, with cost, application, and performance in mind. Board spans range from 600mm to 1800mm, joist spans range from 300mm to 3500mm and build-up heights range from 40mm to 1000mm or higher.

Senior Board with Low Joist & Adjustable Pedestals

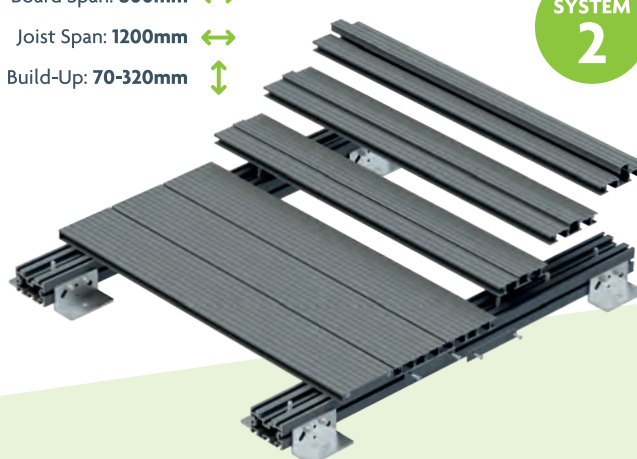
Board Span: 1200mm ↔
Joist Span: 1200mm ↔
Build-Up: 80-330mm ↕



SYSTEM
1

Junior Board with Low Joist & Adjustable Pedestals

Board Span: 800mm ↔
Joist Span: 1200mm ↔
Build-Up: 70-320mm ↕



SYSTEM
2

Senior Board with Lite Joist & Adjustable Pedestals

Board Span: 1200mm ↔
Joist Span: 800mm ↔
Build-Up: 60-330mm ↕



SYSTEM
3

Junior Board with Lite Joist & Adjustable Pedestals

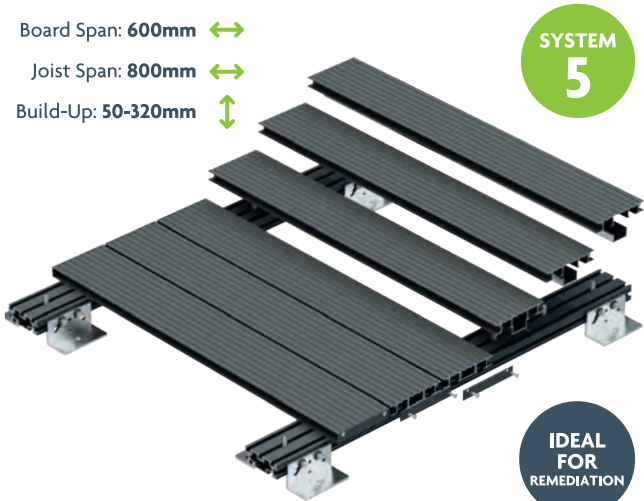
Board Span: 800mm ↔
Joist Span: 800mm ↔
Build-Up: 50-320mm ↕



SYSTEM
4

Lite Board with Lite Joist & Adjustable Pedestals

Board Span: 600mm ↔
 Joist Span: 800mm ↔
 Build-Up: 50-320mm ↔



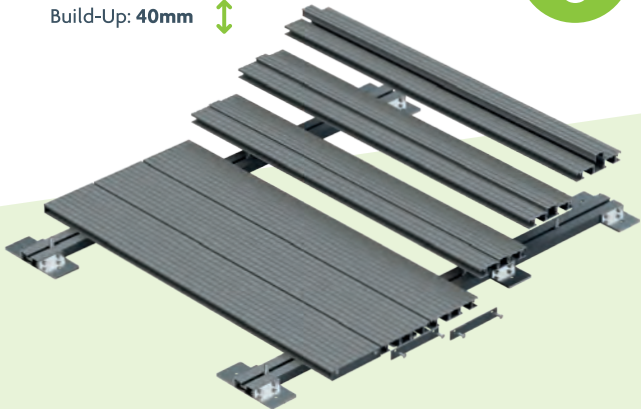
SYSTEM
5

IDEAL
FOR
REMEDiation



Junior Board with Micro Joist & Adjustable Pedestals

Board Span: 800mm ↔
 Joist Span: 300mm ↔
 Build-Up: 40mm ↔



SYSTEM
6

Lite Board with Eco 30 Joist & Adjustable Pedestal with Carrier

Board Span: 600mm ↔
 Joist Span: 600mm ↔
 Build-Up: 86-335mm ↔

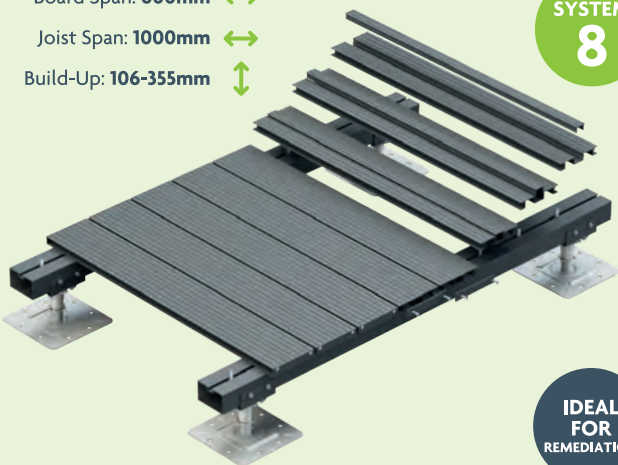


SYSTEM
7

IDEAL
FOR
REMEDiation

Lite Board with Eco 50 Joist & Adjustable Pedestal with Carrier

Board Span: 600mm ↔
 Joist Span: 1000mm ↔
 Build-Up: 106-355mm ↔

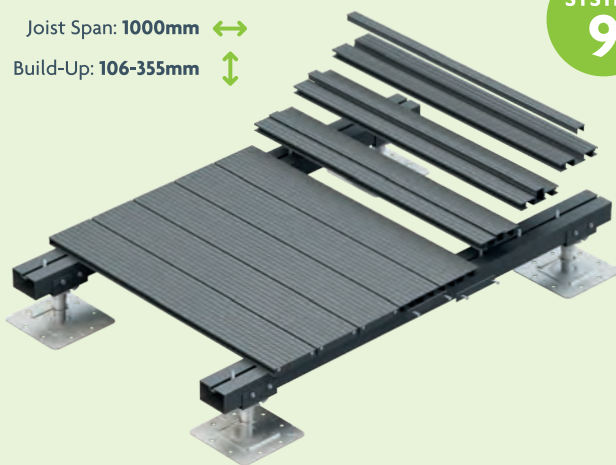


SYSTEM
8

IDEAL
FOR
REMEDiation

Junior Board with Eco 50 Joist & Adjustable Pedestal with Carrier

Board Span: 800mm ↔
 Joist Span: 1000mm ↔
 Build-Up: 106-355mm ↔



SYSTEM
9

ALIDECK

Decking Boards

AliDeck is the most complete non-combustible aluminium decking system available on the market.

The AliDeck System is a comprehensive range of aluminium decking boards, designed for use on steel or concrete inset balconies but also ideal for use in any decking application, such as terraces or on walkways.

AliDeck manufacture and supply a wide range of accessory products for our range of decking solutions, to help our customers complete their installation to the highest possible specification. These can be found on our website or in our full brochure, which you can download for free.



**A1 &
A2fl-s1
FIRE
RATED**

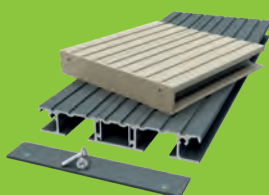
7 BOARD TYPES

- Junior Flat or Ridged
- Senior Flat or Ridged
- Lite
- Ultra
- XL

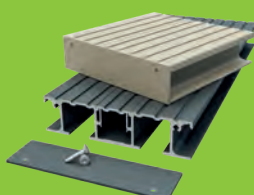
**IDEAL
FOR
REMEDiation**

**JUNIOR &
SENIOR BOARD
OFFER A FLAT
OR RIDGED
DESIGN**

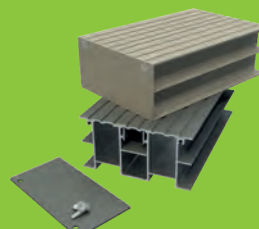
**LITE BALCONY
BOARD**



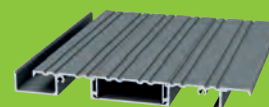
**JUNIOR FLAT
BALCONY BOARD**



**SENIOR FLAT
BALCONY BOARD**



**XL BALCONY
BOARD**



**ULTRA BALCONY
BOARD**



Key Benefits

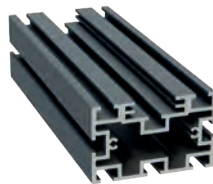
- Fire Rating A1 & A2fl-s1
- Can be cut to the correct width
- Drainage between the decking boards
- Easy to Install
- 100% recyclable
- Full range of Alideck Colours
- 30 year Manufacturers Warranty

Joists & Pedestals

The AliDeck Joists and Pedestal range are compatible with the entire Alideck range.



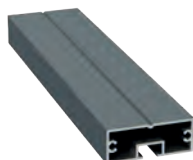
SUPA JOIST



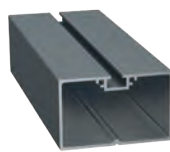
LOW JOIST



LITE JOIST



MICRO JOIST



ECO 50 JOIST



ECO 30 JOIST

**A1 &
A2-s1-d2
FIRE
RATED**

**CLASS A1
FIRE
RATED**



**ADJUSTABLE PEDESTAL
BRACKET**



SPREADER PLATE
For installations to
waterproof membranes



**JUMBO ADJUSTABLE
PEDESTAL BRACKET**



**ADJUSTABLE PEDESTAL
WITH OPTIONAL CARRIER**

ALIDRAIN

Drainage Systems

AliDrain Systems offers a range of innovative aluminium drainage solutions from AliDeck, the UK's leading provider of non-combustible aluminium decking and balcony components.

Driven by our commitment to innovation and compliance, we have developed three complete drainage solutions designed to meet NHBC standards and the requirements of leading insurance providers.

Our aluminium drainage systems are engineered to ensure seamless, compliant drainage for both remediation and new build projects, providing reliable performance and peace of mind for any construction need.

With AliDrain, you can achieve effective and regulation-compliant drainage, safeguarding your project and ensuring project success.



**COMPLETE
DRAINAGE
SOLUTIONS**



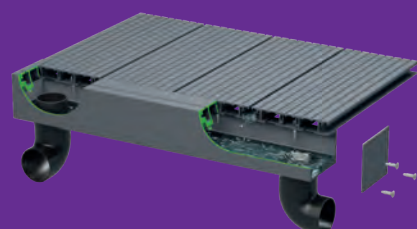
**WRAP AROUND
GUTTER SYSTEM**

3 DRAINAGE SYSTEMS

In order to satisfy your warranty and insurance providers drainage requirements for balconies, terraces and walkways, contact us today for project specific calculations.



DUAL GUTTER SYSTEM



DECK-LEVEL PIPED DRAINAGE



SOFFIT PIPED DRAINAGE



EDGE DRAINAGE



Key Benefits

- Fully Compliant drainage solution
- Individually calculated for UK rainfall compliance
- Fire Resistant to A2-s1, d0
- Aluminium 6063 T6 grade
- 30 Year Warranty
- Life Expectancy 60 years
- Available in a range of standard AliDeck colours

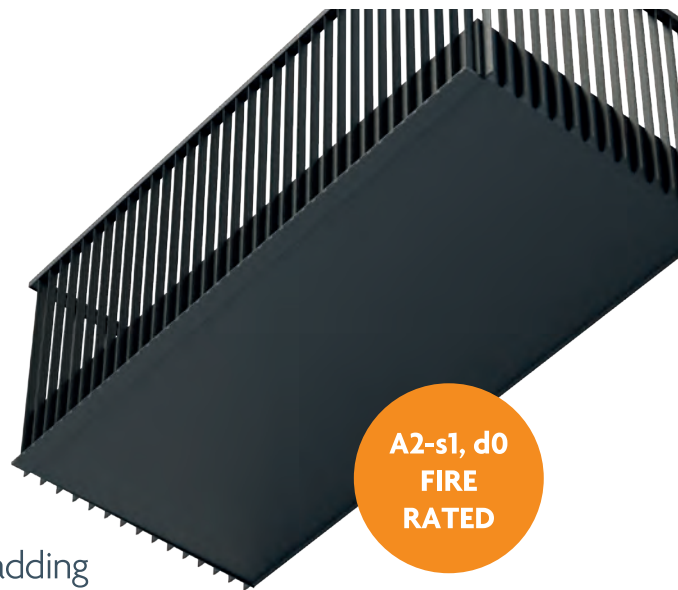
ALICLAD

Aluminium Balcony Soffit Drainage

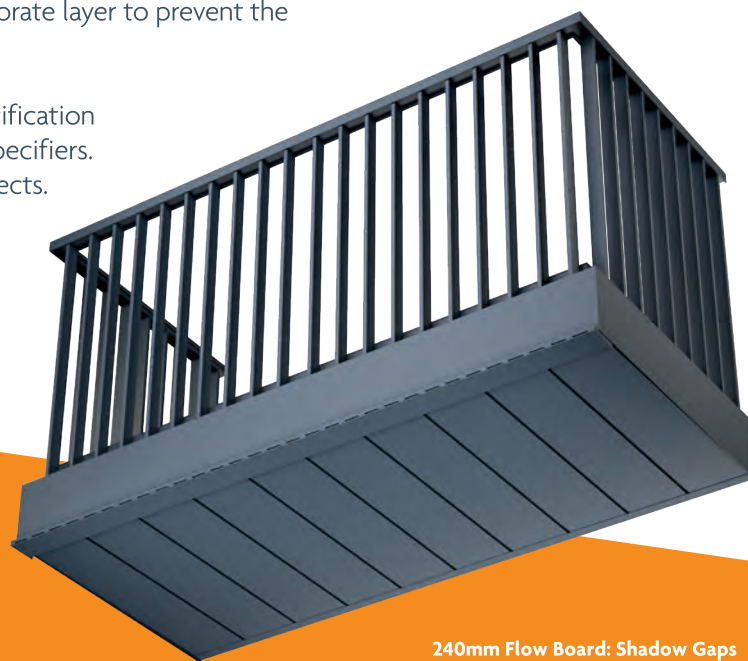
The AliClad range offers innovative balcony soffit & cladding solutions from the creators of AliDeck, the UK's leading provider of non-combustible aluminium decking and balcony components.

AliClad systems deliver cost-effective, ready-made soffit drainage and cladding solutions for steel bolt-on or slide-on balconies projecting from building facades. They are designed to provide clean, modern aesthetics and practical functions, such as managing wastewater or creating an impermeate layer to prevent the spread of fire.

Fire-rated to A2-s1, d0, AliClad simplifies soffit specification and offers versatility to architects, designers, and specifiers. It is ideal for both new builds and remediation projects.

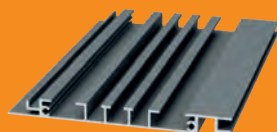


A2-s1, d0
FIRE
RATED

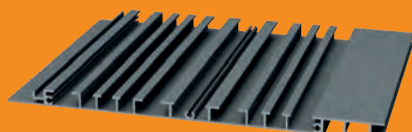


4 SOFFIT SYSTEMS

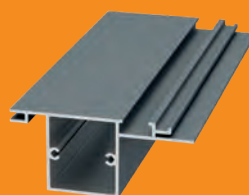
240mm Flow Board: Shadow Gaps will appear due to interlocking design, providing aesthetic value without impacting drainage results



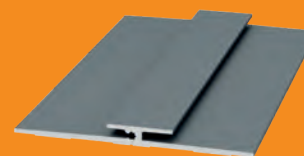
120MM ALICLAD FLOW



240MM ALICLAD FLOW



ALICLAD DECOR



ALICLAD LITE



Key Benefits

- Fire Rating A2-s1, d0
- Standard Stock Lengths 6m
- 30 Year Warranty
- Life Expectancy 60 years
- Material 6063 T6 Structural Grade Aluminium
- Available in the full range of AliDeck colours

ALIRAIL

Balcony Balustrade Systems

AliRail is our non-combustible, quick-fit aluminium balcony balustrade system, designed to provide off-the-shelf edge protection for balconies.

Now featuring the Insight Glass balustrade system, AliRail offers a sleek glass finish that combines contemporary aesthetics with outstanding durability and safety.

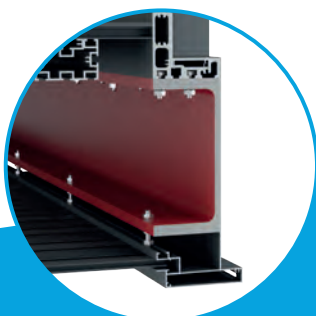
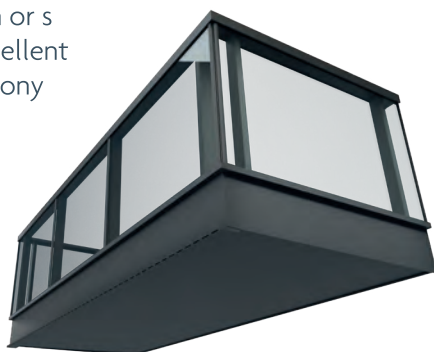
Engineered as a cost-effective and hassle-free installation solution for steel bolt-on or slide-on balconies, AliRail delivers excellent aesthetics and safety, with Juliet balcony options also available.

A2-s1, d0
FIRE
RATED



7 BALUSTRADE SYSTEMS

GLASS BALUSTRADE (A2-s1, d0):
INSIGHT GLASS 0.74KN



VERTICAL INFILL BALUSTRADE:
TOP-FIX PFC 0.74KN OPTION



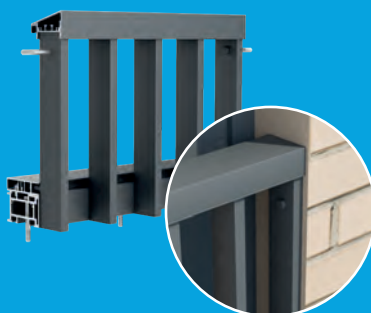
VERTICAL INFILL BALUSTRADE:
CONCRETE FIX 0.74KN OPTION



VERTICAL INFILL BALUSTRADE:
PLATE-FIX 0.74KN OPTION



VERTICAL INFILL BALUSTRADE:
PLATE-FIX 1.5KN OPTION



JULIET BALCONY SYSTEMS
INNER MOUNTED OPTION



JULIET BALCONY SYSTEMS
OUTER MOUNTED OPTION



Key Benefits

- Lightweight
- Fire Rated to A2-s1,d0
- Durable Textured Finish
- 30-year warranty
- 4 Spindle Shapes Available
- Low Maintenance
- Aluminium 6063 T6 grade
- Recyclable

A-FENCE

Aluminium Balcony Dividers, Gates, & Fencing Solutions

Manufactured entirely out of aluminium, A-Fence will revolutionise the fencing market. Requiring very few components to achieve an effective and robust installation, the fire-safe A-Rated aluminium design will be catching the eyes of architects, developers and, of course, homeowners across the country.

A-Fence is a stylish yet highly practical approach to fencing for residential and commercial premises. Made from durable T6 6063 Grade aluminium, A-Fence is a cost-effective solution for futureproofing your balcony and perimeter fencing projects.

A-Fence offers hassle-free installation, requiring very few components. This makes it an ideal choice for your balcony division and privacy screening projects, while also making a highly desirable fencing and gateway option.



FENCING GATE

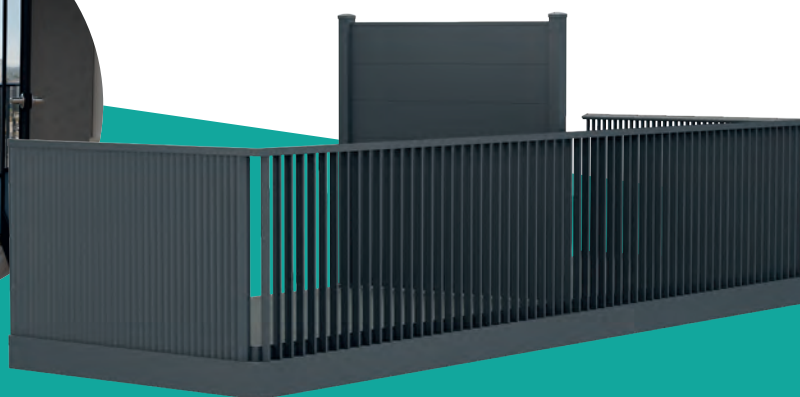
**A2-s1, d0
FIRE
RATED**



**GATED OPTION
AVAILABLE**



5 PROFILE OPTIONS



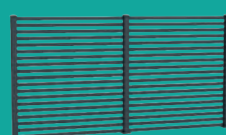
BALCONY DIVIDER OPTION



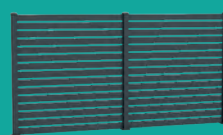
**120MM INTERLOCKING
BOARDS**



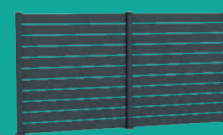
**240MM INTERLOCKING
JUMBO BOARDS**



**50MM SLATTED
BOARDS**



**100MM SLATTED
BOARDS**

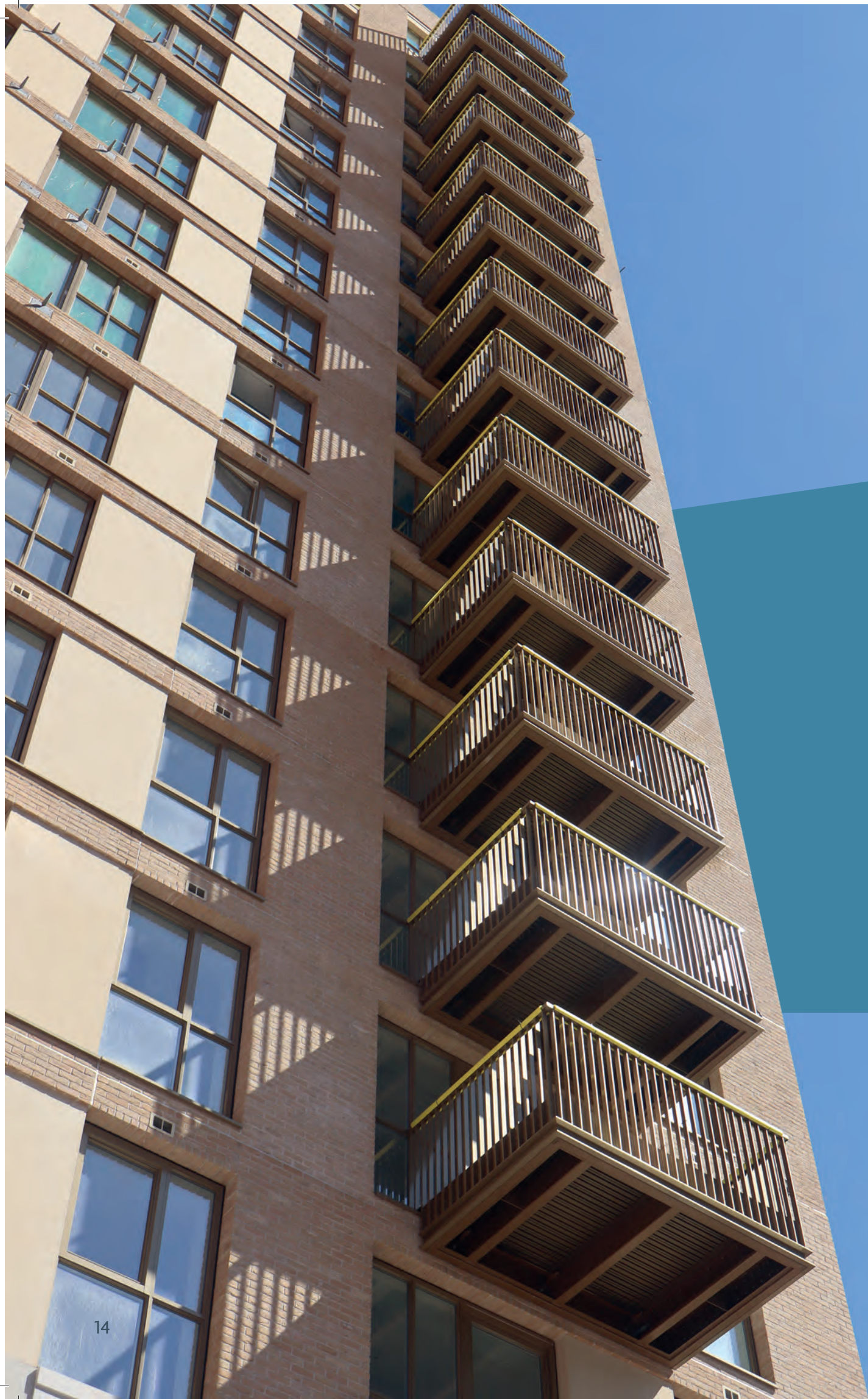


**150MM SLATTED
BOARDS**



Key Benefits

- Fire Rating A2-s1, d0
- Low Maintenance
- 30 Year Warranty
- Modular design with 5 Profile Options
- Material 6063 T6 Structural Grade Aluminium
- Available in the full range of AliDeck colours



FIRE-RATED

Decking, Drainage, Soffit &
Cladding, Modular Balustrades,
& Fencing Systems For Complete
Balcony Solutions



Providing high-quality, fire-safe aluminium decking and balcony components, using AliDeck offers quick & hassle-free installation guaranteed!



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