

# ULTRA BOARD

## with Eco 50 Joist and Junior Access Gutter

SYSTEM  
**10**

A comprehensive non-combustible deck system, comprising: aluminium decking board, support joist, and drainage solution. This system has a minimum build-up height of 70mm including the decking board and 800mm span between centre of joist. Available in the full range of AliDeck colours.

### 5 Main Features:

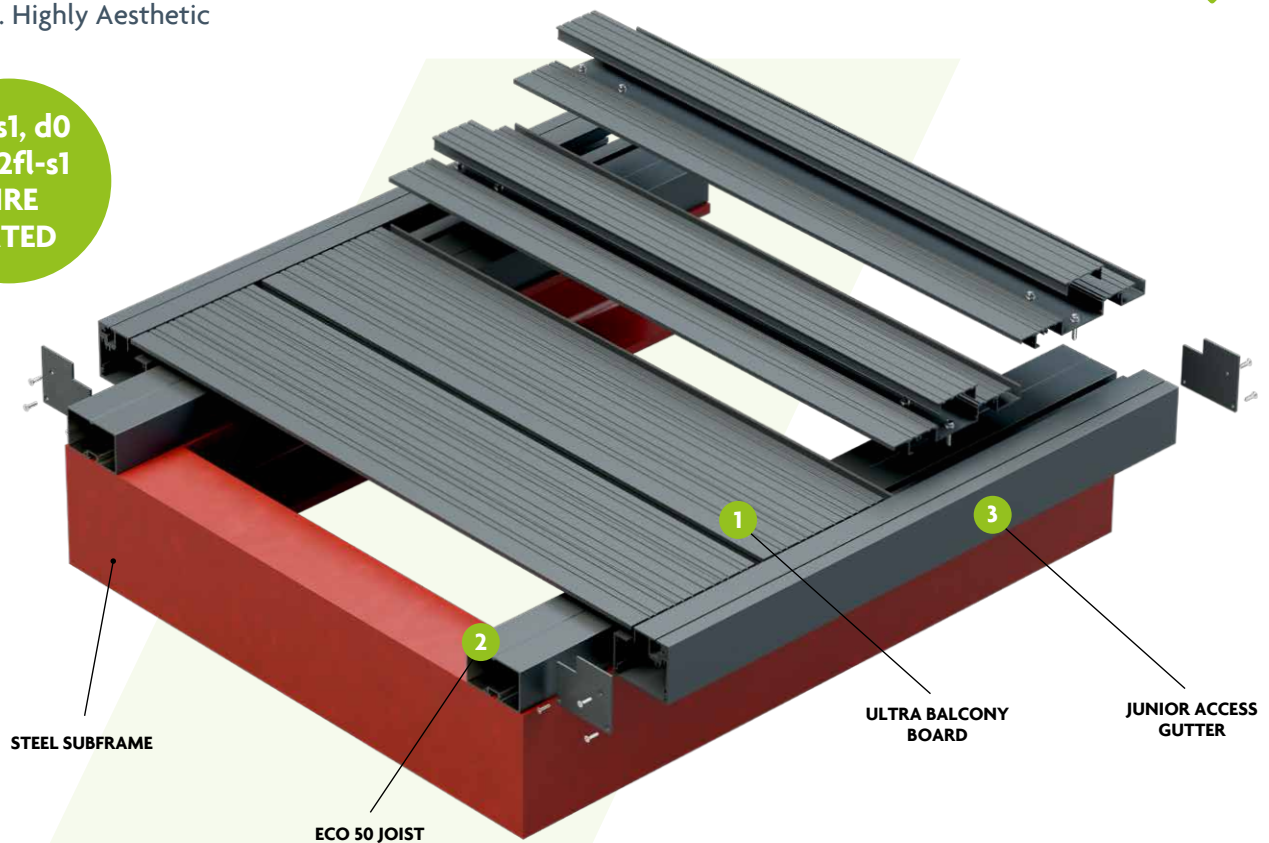
1. Excellent Fire Performance
2. Drainage Compatible
3. Low Slip Potential
4. Fast Installation
5. Highly Aesthetic

Board Span: **800mm** ↔

Joist Span: **1000mm** ↔

Build-Up: **70mm** ↑↓

A2-s1, d0  
& A2fl-s1  
FIRE  
RATED



STEEL SUBFRAME

ECO 50 JOIST

ULTRA BALCONY BOARD

JUNIOR ACCESS GUTTER

### Drainage systems available

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

Europa & Jenner House  
Victory Park  
1-2 Trident Close  
Medway City Estate  
Rochester ME2 4ER

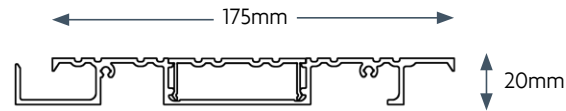
Tel: 01622 235 672  
Email: [info@alideck.co.uk](mailto:info@alideck.co.uk)  
[www.alideck.co.uk](http://www.alideck.co.uk)

**ALIDECK**™  
Aluminium Decking

# ULTRA BALCONY BOARD

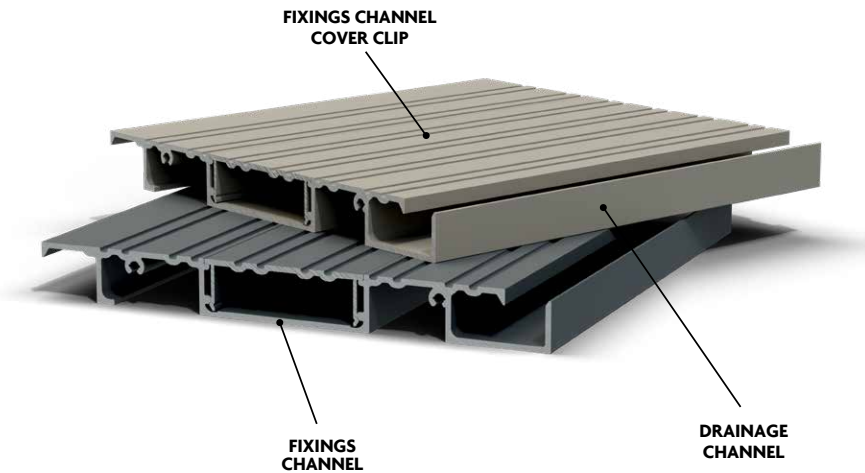
Specifically designed for installations on steel or concrete balconies, terrace decks, or walkway areas. The AliDeck Ultra Balcony board has been designed with 5 main features in mind.

## Dimensions



**INDIVIDUAL BOARDS:**  
**Length:** 4 & 6 metres  
**Width:** 175mm  
**Depth:** 20mm  
**Weight:** 1.912Kg per linear metre  
**Span:** Up to 800mm

The boards can be cut to size along both the length and width.



## Benefits include:

### 1 FIRE RESISTANCE

The boards are manufactured completely from aluminium and are therefore fire resistant and non-combustible to **A2-s1, d0** and **A2fl-s1**.

### 2 DRAINAGE

The Ultra Board has a built-in Drainage Channel within the board profile. This enables rainwater to be captured and diverted to gutters for effective disposal.

### 3 SLIP RESISTANCE

AliDeck uses a specially-formulated powder-coat finish to ensure excellent slip-resistance, achieving "Low Slip Potential" certification in independent testing.

### 4 INSTALLATION

Speed and ease of installation are key to any project, so we have designed a board that has a concealed fixings channel allowing for fixing through the board. In the Ultra Board, this channel is 60mm wide so lifting eyes can be fitted with all boards in-situ for craning balconies into place. The board can also be trimmed down the length to match any projection of balcony and still be structurally stable across the whole plank.

### 5 AESTHETICS

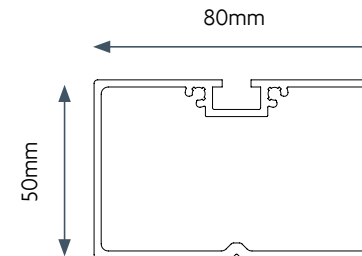
AliDeck operates its very own Qualicoat Standard **IN-HOUSE** seven-stage pre-treatment powder-coating facility using Class 2 powders for complete peace of mind.

# ECO 50 JOIST

The AliDeck Eco 50 Joist is an integral part of the AliDeck System. This extrusion is designed to act as a support and a joist for the complete range of AliDeck boards for use on steel or concrete balconies, terrace and walkway decking areas that require adjustable heights. This joist works in conjunction with the AliDeck Adjustable Pedestals and the rest of the AliDeck board range.



## Dimensions



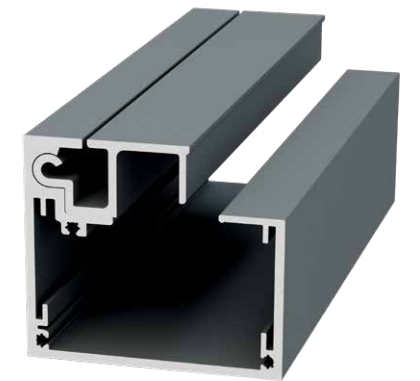
**ECO 50 JOIST SPAN CAPABILITIES:**  
 The ECO 50 Joist can span up to 1000mm between pedestals with an L/360 allowable deflection, based on a 1.4kN loading.

## Benefits include:

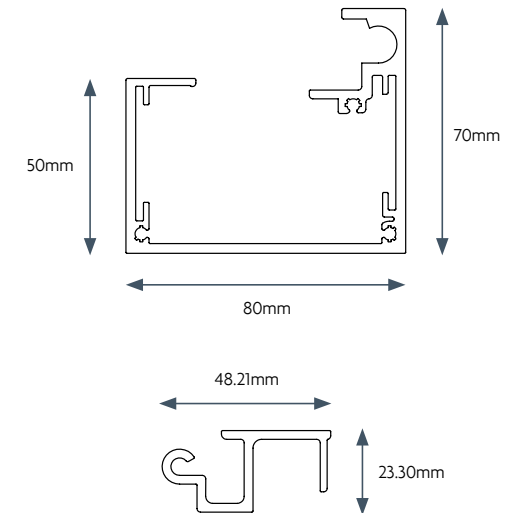
- Fire Rated: **A1 (Mill Finish) & A2-s1,d0**
- Weight: **1.576kg per linear metre**
- Coating Thickness: **60-80 Microns**
- Colours: **Full Range of AliDeck Colours**
- Stock Extrusion Length: **6m**
- Span: **Up to 1000mm**
- Warranty: **30 Years**
- Life Expectancy: **60 Years**

# JUNIOR ACCESS GUTTER

A positively-drained solution for balconies designed to effectively capture and channel rainwater and spillages. Used in conjunction with AliDeck aluminium decking boards and AliDeck Drainage Channel.



## Dimensions



# Product Specification

- Fire resistant: A1 and A2fl-s1 when coated
- Board slip resistance in the dry – see table on page 2
- Board slip resistant in the wet – see table on page 2
- The weight of the Ultra Balcony Board is 1.912Kg per linear metre. The weight of the Eco 50 Joist is 1.576Kg per linear metre.
- Coating thickness - 60-120 microns
- Impact test - with an energy of 2.5kJ to ensure that the coating adheres to the substrate to EN ISO 6272 / ASTM D2794
- Bend test - on 5mm mandrel to ensure adhesion after bending to EN ISO 1519
- Machu Test (accelerated corrosion test) - in a solution made up of sodium chloride acetic acid and hydrogen peroxide at 37°C Duration 48 hours
- Qualicoat 2.4.1. - cross hatch cuts are made at 2mm spacings with one being at 90 degrees to the other cut, tape is applied left for 2 minutes and removed to check for adhesion of paint (EN ISO 2409 2013)
- Qualicoat 2.18 - sawing and drilling test to ensure no flaking after cutting (using sharp tools)
- Acid salt spray test - ISO 9227
- EN ISO 3231 - Resistance to humid atmospheres containing Sulphur Dioxide
- EN ISO 11341 - Accelerated weathering test
- EN ISO 20810 - Natural weathering test (Florida Test) (Carried out on Powder Type)
- EN ISO 12206-1 - Resistance to mortar (Carried out on powder type)
- EN ISO 6270 – 2 - Constant climate condensation water test.

## Protective Finish

The planks are coloured using the Qualicoat powder coating finish. Qualicoat is a quality label organisation committed to maintaining and promoting the quality of coating on aluminium and its alloys for architectural applications.

## Installation

The AliDeck aluminium decking systems are 50% quicker to install compared to other decking systems on the market. This is because you only need to install the AliDeck Joists or support system up to every 1000mm between joists and every 800mm between substructure maintaining an L/360 allowable deflection, based on a 1.4kN loading, whereas most other decking systems require joists every 400mm.

Full installation videos and installation guides are available on [www.alideck.co.uk](http://www.alideck.co.uk).

## Construction

The boards are constructed completely from 100% aluminium (6063 T6 grade), up to 67% of which has been recycled to make these boards eco-friendly and much better for the environment.

## Maintenance

AliDeck's aluminium decking, finished with a 7-stage Qualicoat system, requires minimal maintenance. A quick wipe with a damp lint-free cloth is enough. Our superior Class 2 powder coating exceeds industry standards, ensuring lasting quality with less upkeep.

## Colour Options

AliDeck products and systems are available in our full range of standard colours. Please refer to our Standard Colour range datasheet for colour options (available at [www.alideck.co.uk/downloads](http://www.alideck.co.uk/downloads)).

Non-standard colours are available on request as special orders, but may affect cost and lead-time. Certain products can be supplied non-coated/mill finish to achieve A1 fire rating.



## Warranty

The decking is supplied with a **30 year warranty** against splitting, cracking, warping, splintering, rotting, twisting and material or manufacturing defects. It has a minimum **60 year life expectancy**.



A1 & A2fl-s1  
FIRE RATED



ALL  
ALUMINIUM



HEAT  
RESISTANT



DURABLE  
TEXTURED FINISH



LOW  
MAINTENANCE



RECYCLABLE



STABLE IN ALL  
WEATHER  
CONDITIONS

Europa & Jenner House  
Victory Park  
1-2 Trident Close  
Medway City Estate  
Rochester ME2 4ER

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