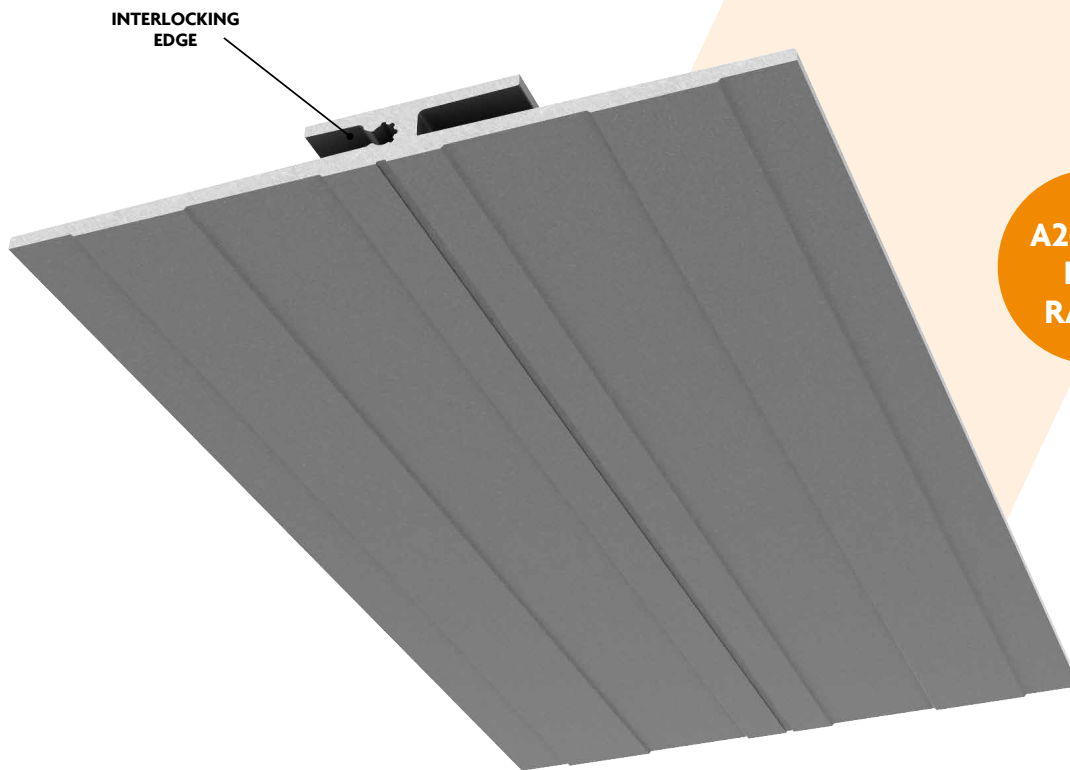


ALICLAD LITE

Specification Datasheet

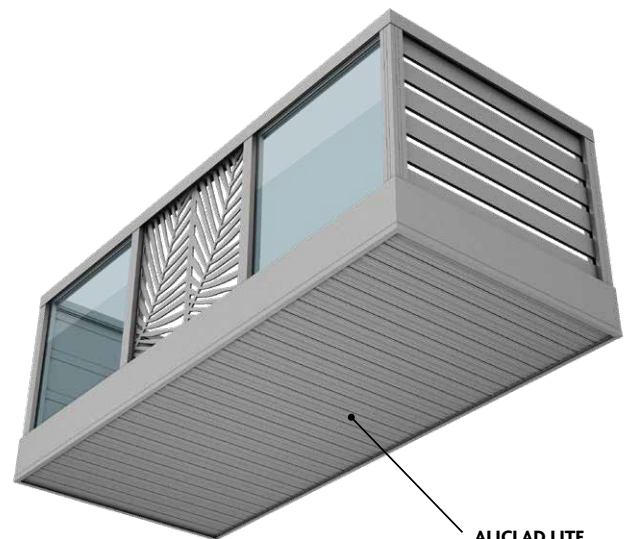
A non-combustible, quick-fit aluminium balcony soffit cladding system.



A2-s1, d0
FIRE
RATED

Benefits include:

- Fire Resistant to A2-s1, d0
- Span 1m
- 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



All AliClad products have been independently tested for fire performance to BS EN 13823, BS EN 13501, and BS EN ISO 1716; for loading performance to BS 6180; for deflection performance to BS 8118, BS 6399, and BS 1991; for wind performance to BS 1991.

Product Specification

- Fire resistant: A2-s1, d0 when coated
- The weight of the AliClad Lite cladding board is 1.02 kg per linear M.
- Coating thickness - 60-80 microns
- Impact test - with an energy of 2.5KJm 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 37degrees 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 the 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.
- Choice of colour - shown opposite. Other colours are available on request.

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 AliClad system is designed for easy installation. Full installation guides are available on www.alideck.co.uk.

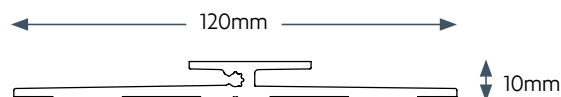
Dimensions

INDIVIDUAL BOARDS:

Length: 6 metres

Width: 120mm

Depth: 10mm



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

Maximum Overall Area: Unlimited
Allowable Span: 1200mm on 4kN load

Construction

AliClad is constructed completely from 100% aluminium (6063 T6 grade), up to 30% of which has been recycled to make these boards eco-friendly and much better for the environment.

Maintenance

Due to the fact that AliClad is aluminium and finished using the 5 stage Qualicoat system, little or no maintenance is required. General grime can be removed simply with a damp, lint free cloth or mop with warm soapy water.

Colour Options

AliClad Lite is 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).

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



Warranty

The cladding 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**.



ALL ALUMINIUM



HEAT RESISTANT



DURABLE TEXTURED FINISH



LOW MAINTENANCE



RECYCLABLE



STABLE IN ALL WEATHER CONDITIONS



A2-s1, d0 FIRE RATED

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ALICLAD
Non-Combustible Cladding Systems