# ALICLAD LITE

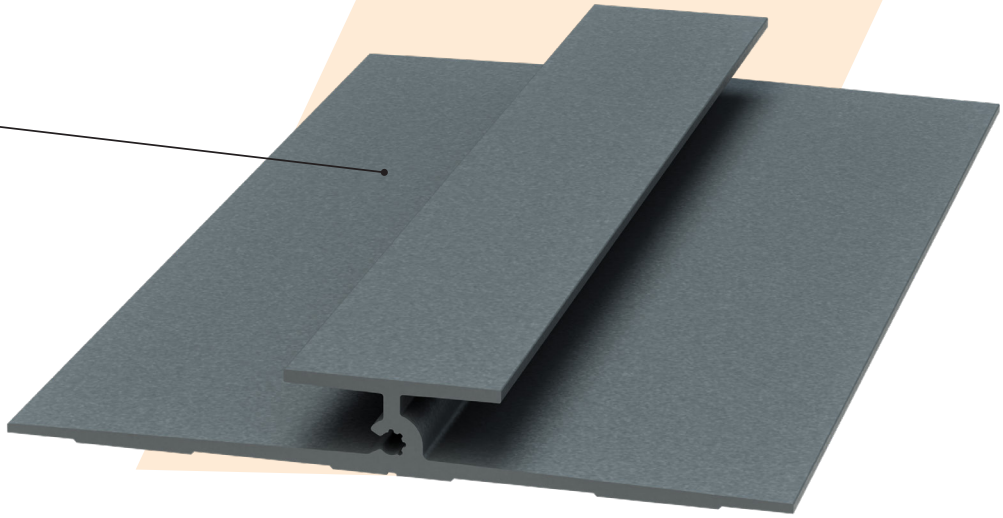
MADE IN BRITAIN

## Specification Datasheet

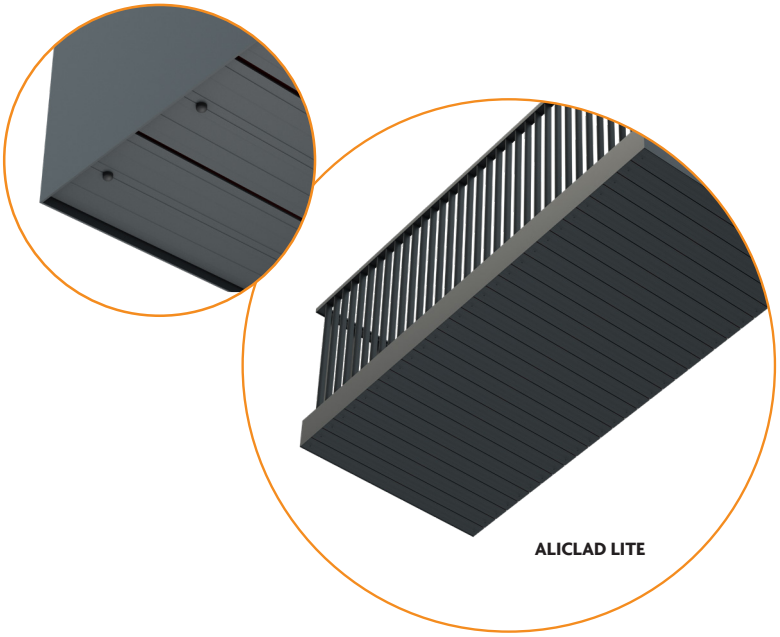
The AliClad Lite is a lightweight, non-combustible aluminium cloaking soffit perfect for balconies or soffits, offering exceptional fire resistance and a quick-fit design for diverse architectural requirements, in line with BS 8579:2020 and NHBC Standards 2024.



**A2-s1, d0 FIRE RATED**






## Benefits include:

- Fire Resistant to A2-s1, d0
- Maximum Span: 1000mm between fixings
- Standard Stock Lengths 6m
- 30 Year Warranty
- Life Expectancy 60 years
- Material 6063 T6 Structural Grade Aluminium
- Available in any RAL Colour

All AliClad Soffit and Cladding Systems 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.

ALICLAD
Soffit & Cladding Systems

# Product Specification

- Fire resistant: A2-s1, d0 when coated
- The weight of the AliClad Lite Soffit and Cladding System is 1.02 kg per linear M.
- Coating thickness - 60-80 microns
- Impact test - with an energy of 2.5kN 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 degrees °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 colours - Available in a wide range of RAL colours.

## Protective Finish

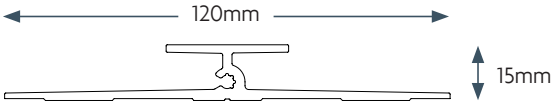
The Soffit and Cladding System is coloured using the Qualicoat powder coating finish. Qualicoat is a quality label organisation committed to maintaining and promoting the quality of coating on aluminium and its alloys for architectural applications.

## Installation

The AliClad system is designed for fast and hassle-free installation.
Full installation guides are available on **www.alideck.co.uk**.

## Dimensions

**INDIVIDUAL BOARDS:**
**Length:** 6 metres
**Width:** 120mm
**Depth:** 15mm




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

**Maximum Overall Area:** Unlimited
**Allowable Span:** 1000mm between fixings

## Construction

AliClad is 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

AliClad Lite System is available in **any RAL colour**.
Please refer to our Standard Colour Range datasheet for colour options (available at **www.alideck.co.uk/decking/boards/alideck-colours/**).

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




## Warranty

The Soffit and Cladding System 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.

**A2-s1, d0 FIRE RATED**

**ALL ALUMINIUM**

**HEAT RESISTANT**

**DURABLE TEXTURED FINISH**

**LOW MAINTENANCE**

**RECYCLABLE**

**STABLE IN ALL WEATHER CONDITIONS**

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