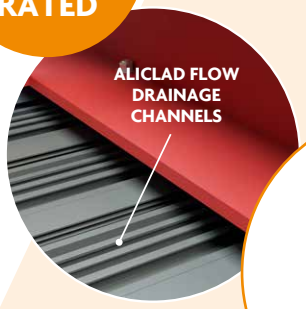
ALICLAD FLOW

Water Management, Cladding Board & Soffit System

MADE IN BRITAIN

A2-s1, d0 FIRE RATED

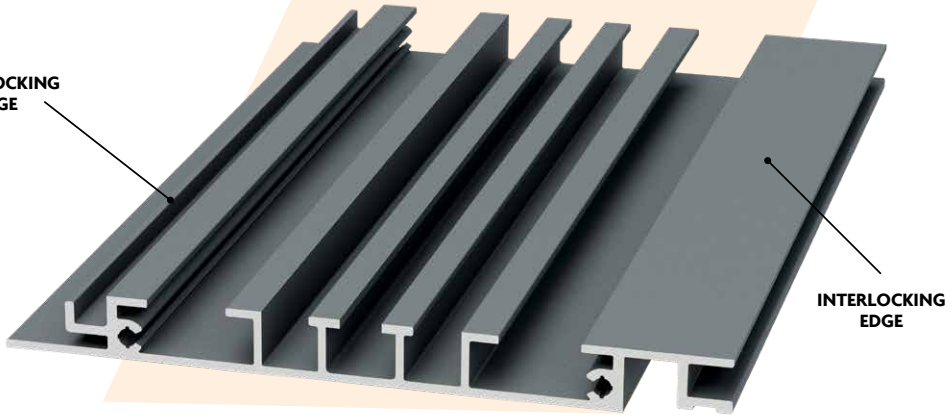
Specification Datasheet





The 120mm Flow Board is a versatile, lightweight aluminium soffit-level drainage system for controlled evacuation of rainwater in line with BS 8579:2020 and NHBC Standards 2024, ideal for steel cantilever balconies, ensuring strength and adaptability in a sleek design.





AliClad Flow is compatible with the following Gutter options:



GUTTER CHANNEL



EXTENDED GUTTER CHANNEL



PIPED GUTTER CHANNEL

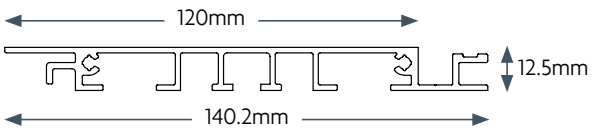
120mm FLOW BOARD



Benefits include:

- Fire Resistant to A2-s1, d0
- Maximum Span: 1200mm between fixings
- Standard Stock Lengths 6m
- 30 Year Warranty
- Life Expectancy 60 years
- Material 6063 T6 Structural Grade Aluminium
- Available in any RAL Colour

Dimensions:



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

240MM FLOW BOARD

MADE IN BRITAIN

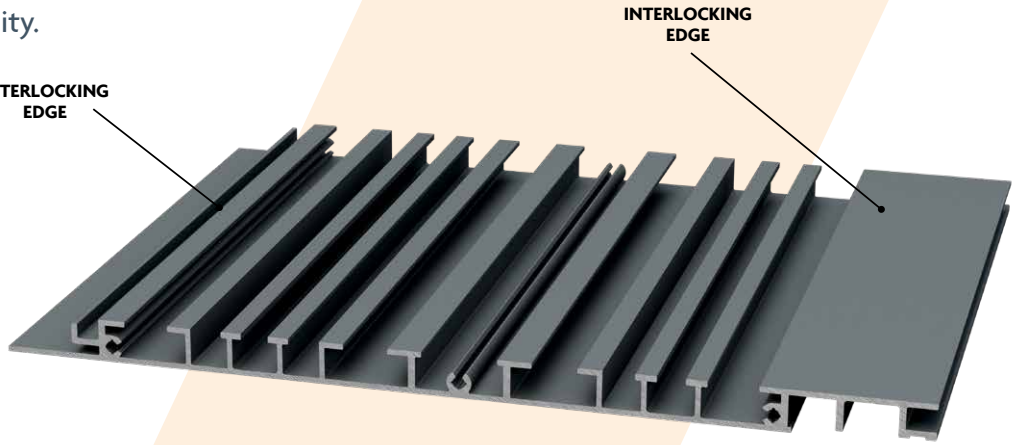
Specification Datasheet

Water Management, Cladding Board & Soffit System

The 240mm Flow Board ensures efficient rainwater evacuation per BS 8579:2020 and NHBC Standards 2024. Ideal for larger projects, especially steel cantilever balconies, it offers superior strength and adaptability.

A2-s1, d0 FIRE RATED





AliClad Flow is compatible with the following Gutter options:



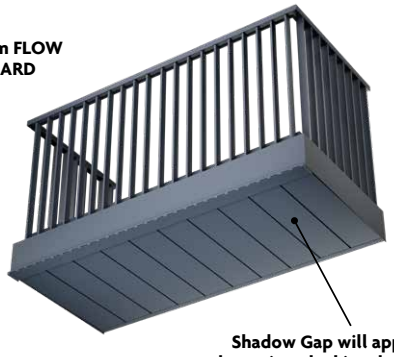
GUTTER CHANNEL



EXTENDED GUTTER CHANNEL



PIPED GUTTER CHANNEL

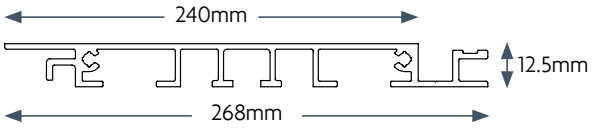


Shadow Gap will appear due to interlocking design, this will not impact the drainage system

Key Features:

- **Twice the Size:** More coverage with fewer boards, simplifying installation.
- **Strength and Durability:** Handles tougher applications effectively.
- **Sleek Design:** Maintains the aesthetically pleasing modern look.
- **Compliance:** Meets all rainwater management and safety standards.

Dimensions:



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 Flow Soffit and Cladding System is 1.281 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:

120mm FLOW BOARD
Length: 6 metres
Width: 120mm
Depth: 12.5mm

240mm FLOW BOARD
Length: 6 metres
Width: 240mm
Depth: 12.5mm

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

Maximum Overall Area: Unlimited | **Allowable Span:** 1200mm

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 Flow 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 Flow 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

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

Tel: **01622 235 672**
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