

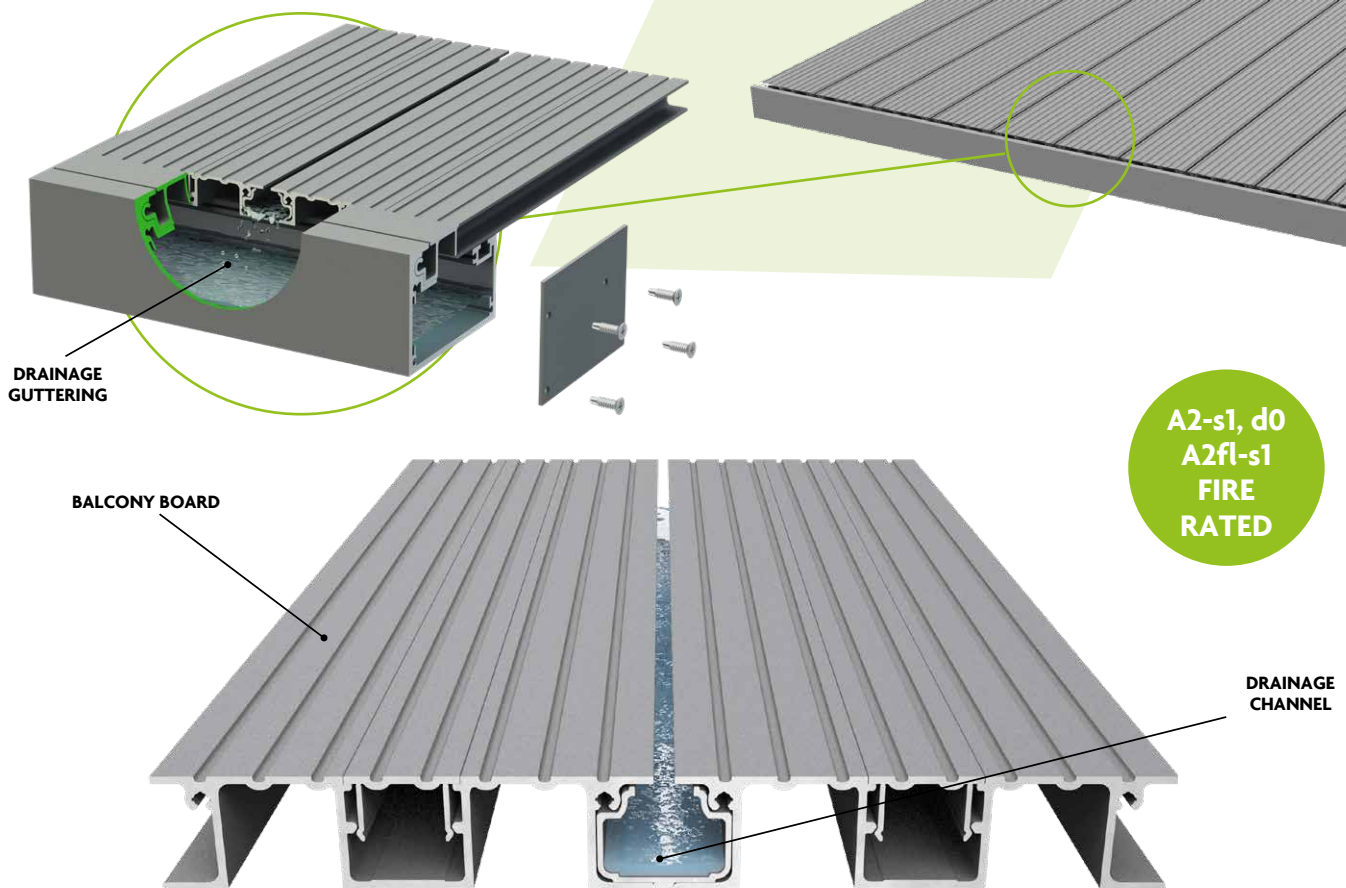
AliDeck



Specification
Datasheet

BALCONY DRAINAGE SYSTEM

Specifically designed to support Deck-Level Drainage from the top surface of balconies, terraces and walkways. This systems adheres to BS 8579:2020 and the latest NHBC Standards.



This discrete extrusion is installed between the balcony boards to aid with drainage and reduce the flow of water between the boards, available for the 20mm & 30mm balcony boards, it may reduce the need for expensive soffit claddings on balconies.

The AliDeck Drainage System has been independently tested for Fire performance for flooring, walls, and ceilings to BS EN 13501 (BS EN 13823, and BS EN ISO 1716). Also tested for Slip-resistance to BS 7976 Part 2; Wear-resistance to SATRA TM391. Loading performance to BS 6180; Deflection performance to BS 8118, BS 6399, and BS 1991.

 **ALIDECK**™
Aluminium Decking

Product Specification

- Fire resistant: A2-s1, d0 and A2fl-s1 when coated
- The weight of the 20mm channel is 0.309 KG and the 30mm channel is 0.392KG per Linear M
- Coating thickness - 60-80 microns
- Impact test - with an energy of 2.5Km 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.

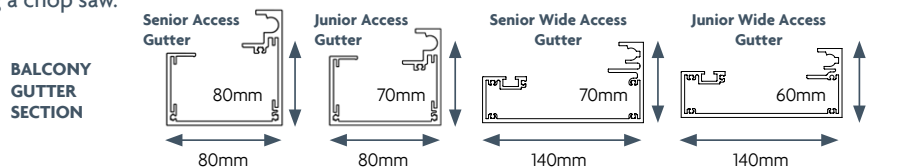
Protective Finish

Drainage Gutters and Channels are coloured using the seven-stage pre-treatment Qualicoat Standard. Qualicoat is a quality label organisation committed to maintaining and promoting the quality of coating on aluminium and its alloys for architectural applications.

Dimensions

INDIVIDUAL SECTIONS:
Length: 6 metres

The Drain Channels can easily be cut to length using a chop saw.



Construction

The Drainage Channel is constructed completely from 100% aluminium (6063 T6 grade), up to 30% of which has been recycled to make it 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 Boards and Joists are available in **10 standard colours**. 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. The drainage channels will be supplied coated to achieve A2- s1, d0 and A2fl-s1.



Biological/Chemical

Resistant to moulds, algae, alkali, bitumen.

Warranty

Drainage Channels are 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 & 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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