AliDeck

MADE IN BRITAIN

STANDARD COLOURS

15 COLOURS AVAILABLE



Our high-performance Qualicoat powder coat colours are engineered for superior slip and wear resistance, and meet the highest fire safety standards.

To ensure complete satisfaction with your selection, we recommend confirming your choice with a RAL colour swatch or requesting a sample of our standard colours for precise matching and peace of mind.

Light Reflectance Values (LRV) for Accessibility & Safety

Light Reflectance Value (LRV) measures how much visible light a surface reflects, expressed as a percentage from 0 (pure black) to 100 (pure white). LRV values are essential for public access projects where building regulations require specific contrasts to assist people with visual impairments.

For example, staircases must have contrasting LRV values between the main walking surface and step nosing to provide clear visual definition and prevent accidents. This is particularly important in accessible design and regulatory compliance.

Surface Finish Considerations

While LRV is primarily determined by colour, the surface can stubtly affect light reflection. Powder coating may appear slightly brighter on smooth surfaces such as railings, while appearing marginally duller on textured deck boards. This is due to how light interacts with different surface profiles, though the underlying colour specifications remains consistent.

COLOUR	RAL CODE	LRV VALUE
Grey Beige	1019	31
Stone Grey	7030	29
Beige Grey	7006	17
Quartz Grey	7039	17
Anthracite Grey	7016	8
Sepia Brown	8014	7
Jet Black	9005	4
Olive Yellow	1020	29

COLOUR	RAL CODE	LRV VALUE
Black Red	3007	5
Grey Blue	5008	7
Green Grey	7009	13
Dusty Grey	7037	23
Basalt Grey	7012	14
Grey Brown	8019	7
Window Grey	7040	36



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ALIDECK™
Complete Balcony Component Solutions

Product Specification

- Fire resistant: A2-s1, d0 and A2fl-s1
- Slip resistance in the dry – see table overleaf
- Slip resistant in the wet – see table overleaf
- Coating thickness - 60 100 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 aluminium is coloured using the seven-stage pre-treatment Qualicoat Standard. AliDeck is an accredited Qualicoat company ensuring the quality of our coating application.

Qualicoat

AliDeck powder-coats all products to Qualicoat Seaside Standard using only Class 2 powders and etches to 2 g/m² for maximum adhesion and resistance to delamination. This advanced coating provides exceptional durability against salt corrosion, UV damage, and weathering, making it ideal for coastal applications and guaranteeing a long-lasting, premium finish well above industry standards. For more information visit **www.alideck.co.uk**.

Pre-treament & testing

Our seven-stage pre-treatment process includes cleaning, etching, and chromate conversion for optimal surface preparation, ensuring maximum powder coating adhesion and corrosion resistance. Following this, a six-stage testing process is conducted to verify coating thickness, adhesion, impact resistance, and weather durability, guaranteeing exceptional performance in harsh environments.

Sustainability

Our powder-coating booth achieves a 95% recapture and recycle rate, minimising waste and ensuring an eco-friendly process while maintaining superior coating quality and long-lasting product performance.

Maintenance

AliDeck solutions are 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 are available in any RAL colour to suit your project requirements, with 15 colours offered as standard depending on the system. Please refer to our Standard Colour Range datasheet for available options (available at **www.alideck.co.uk/standard-colours/**).



Non-standard colours are available upon request as special orders, but may affect cost and lead-time. Certain components can also be supplied in 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.

A2-s1, d0 FIRE RATED | **15 STANDARD COLOURS** | **HEAT RESISTANT** | **DURABLE TEXTURED FINISH** | **LOW MAINTENANCE** | **RECYCLABLE** | **STABLE IN ALL WEATHER CONDITIONS**

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