

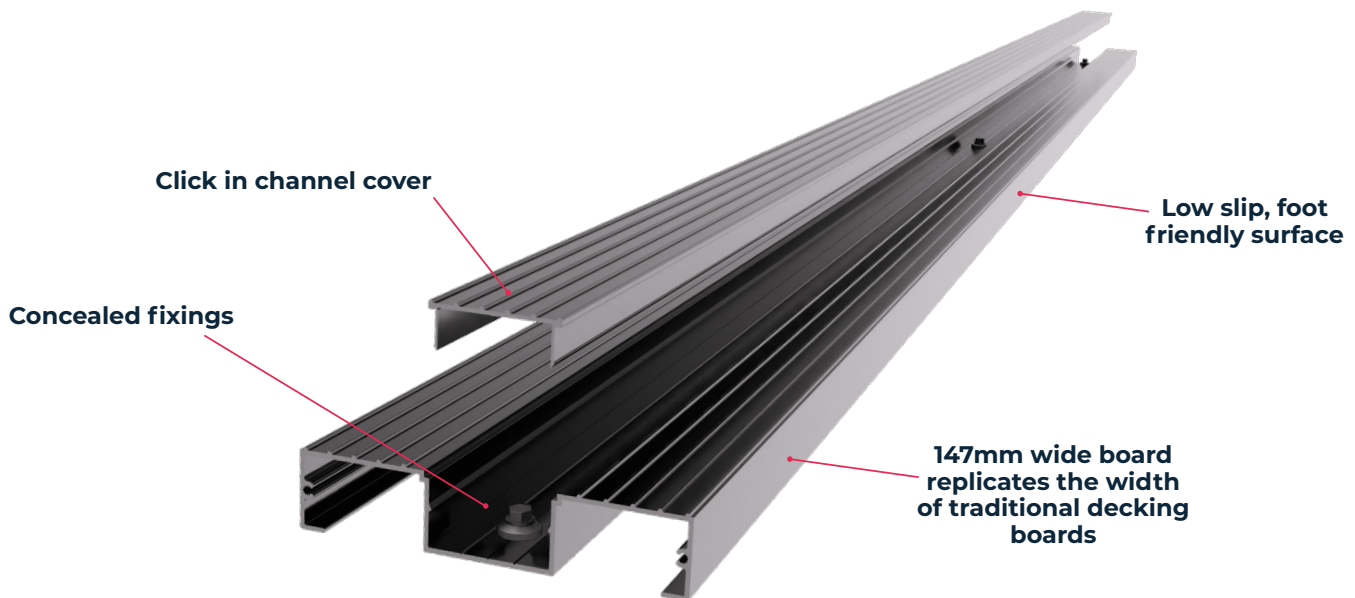


Adek Enhanced Grip 147

Technical and Specification Data

Safe. Simple. Durable

A non-combustible aluminium decking system designed for balconies, walkways and roof terraces.



Why choose Adek Enhanced Grip 147?

FIRE RATED

A non-combustible system tested to EN 13501-1 and achieved A2fl-s1 classification.

SIMPLE INSTALLATION

The 147mm boards replicate the width of the majority of timber decking currently in place within balconies and terraces, making it ideal for retrofit projects. A full installation guide and video can be found at a-dek.co.uk.

SUSTAINABLE CHOICE

Adek boards are manufactured from 100% recycled aluminium and can be fully recycled at end of use, making the Adek system a truly sustainable choice.

SLIP RESISTANCE

Adek Enhanced Grip has an excellent level of slip resistance. The system has been tested to BS7076-2 and is classified with 'low slip potential' the highest level attainable.

DECK APPEARANCE

The unique sleek finish of Adek Enhanced Grip makes the system stand out as being far less industrial looking than other systems on the marketplace adding a contemporary feel to any project. The system has also been designed to be comfortable to walk on, even bare footed, knowing that residential balconies in particular are an extension to living areas.

EASY CARE

We recommend that our system is cleaned down with soapy water and rinsed with fresh water once every six months. Between times simply brush with a soft broom to stop build up of debris. Full care and maintenance guide can be found at a-dek.co.uk.

Specification	Details
Fire Rating	Tested to EN 13501-1 / A2fl-s1
Slip Resistance	Tested to BS7976-2. Classification: Low Slip Potential
Wear Resistance	Tested to EN 660-2 Excellent resistance to wear
Decorative Resistance	Qualicoat 1 with a Qualicoat endorsed "seaside" pre-treatment. Further details of testing available on our website.
Colour	Anthracite Grey (RAL 7016) Other RAL available*
Material	Aluminium 6063 Tempered to T6 100% Recycled
Sustainability	Made from 100% recycled aluminium and 100% recyclable at end of use
Lengths	Standard – 6m, 5m, 4m + available cut to length
Width	147mm
Depth	20mm or 30mm option
Load Span	20mm depth: 600mm max centres at a point load of 4kN**
Load Span	30mm depth: 600mm max centres at a point load of 4kN**
Linear Mass	20mm: 1.57kg/m 30mm: 1.77kg/m
Deviation From Straightness	0.03mm
Cupping	20mm: 0.40mm 30mm: 0.50mm
Warranty	30 year structural performance warranty with an expectancy of 60 years

Mechanical Characteristics	Standard	Value
Falling mass impact resistance	EN 477	20: 3.57mm 30: 3.76mm
Mid Span Point Load	EN 310	Refer to load span table
Maximum Force	EN 310	>10 kN
Slip Resistance	BS 7976	81 PTV (Dry) - 55 PTV (Wet)

Aluminium Properties	Standard	Value
Ultimate Tensile Strength	EN 310	241 MPa
Elastic Modulus	EN 310	69 GPa
Tensile Strength @ Yeild	EN 310	214 MPa
Elongation @ Break	EN 310	18%

* Minimum order quantities apply

** In accordance with BS 8579:2020 Guide to the design of balconies and terraces

Do you have questions about Adek Enhanced Grip?

Our team is on hand to provide help with the specification of Adek and can be reached on adek@ecodek.co.uk

Additionally there is a comprehensive range of FAQs that can be accessed on our website a-dek.co.uk