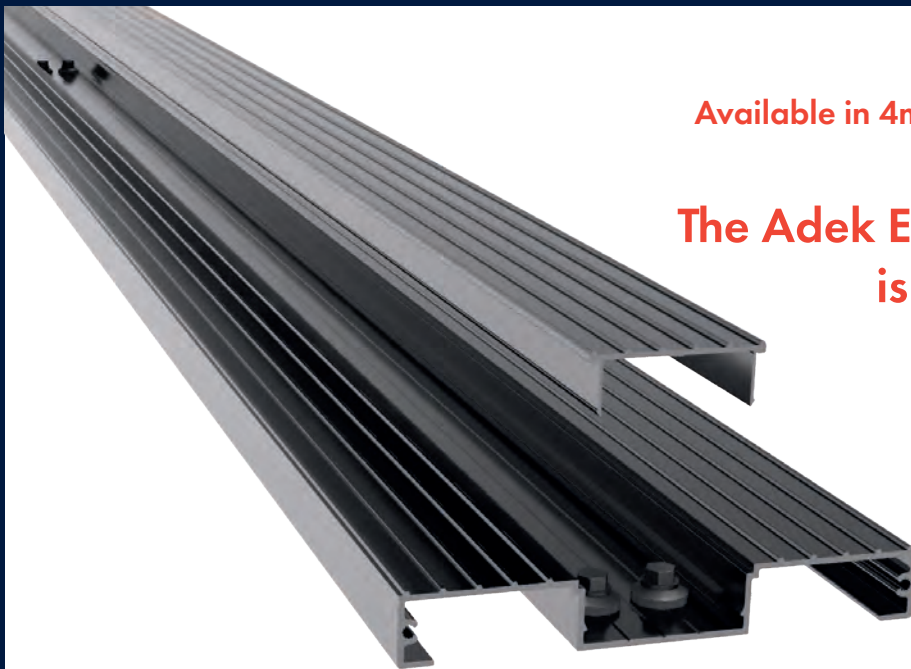




Balcony and Terrace System

Adek Enhanced Grip 147: 20 - Technical Data

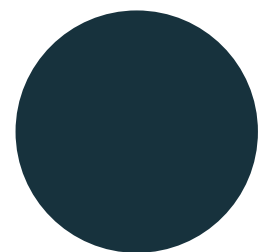


20mm x 147mm

Available in 4m, 5m & 6m lengths as standard

The Adek Enhanced Grip 147: 20 is an engineered board able to span up to 600mm with a point load of 4kN

- Non-combustible
- 100% Recycled Aluminium; Fully recyclable
- Anti-slip coating: Friendly underfoot
- Long Span, narrow panel: Fast fix & adaptable
- Wider channel: Lifting eye options
- Concealed fixings: No clips
- 20 year warranty; 50+ year life expectancy



Anthracite
RAL 7016



Available in a variety of RAL colours

From
ecodek
Part of the Epwin Group of Companies

a-dek.co.uk

Physical Properties	Standard	Value
Linear Mass	N/A	1.57 kg/m
Dimensions	N/A	20 x 147 mm
Deviation from Straightness	N/A	0.03mm
Cupping	N/A	0.40 mm

Mechanical Characteristics	Standard	Value
Falling mass impact resistance	EN 477	3.57 mm
Mid Span Point Load	EN 310	Refer to load span table
Maximum Force	EN 310	>10 kN
Slip Resistance	BS 7976	69 PTV (Dry) 50 PTV (Wet)

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

Adek decorative finishes are classified as Qualicoat 1

Qualicoat is an internationally recognised specification for the production of high quality coatings on aluminium products specifically for architectural applications.

The aim of the Qualicoat specification is to ensure a high-quality of coated products for use in architectural applications. The standard covers more than twenty different tests depending on the material being tested, the majority of tests being conducted under ISO or EN standards.

The tests cover:

- The visual appearance of the coating and the gloss quality
- The specific coating thickness
- The adhesion of the coating under a series of demanding physical tests where the aluminium substrate is bent, dented and heated.
- The adhesion of the coating under accelerated weathering and industrial pollution conditions.
- How the coating reacts to mortar, boiling water, standing water and how well it reacts when being worked with cutting tools

By meeting Qualicoat 1, Adek products' coating will be of consistently high quality; rigorously sampled and tested during the production process for its appearance, consistency, adhesion and stability to weathering and pollutants.