



Class A Fire Rated Balcony and Terrace System

Adek Comfort Grip 295: 30 - Technical Data

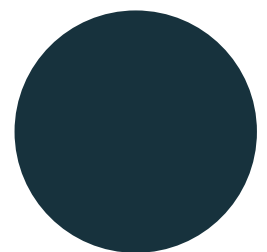


30mm x 295mm

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

The Adek Comfort Grip 295: 30
is an engineered board
able to span up to
1200mm with a point
load of 2kN

- Non-combustible: Class A2_{FL-s}1
- 100% Recycled Aluminium; Fully recyclable
- Anti-slip coating: Friendly underfoot
- Long-span, extra-wide panel: Fast fix
- Wider channel: Lifting eye options
- Concealed fixings: No clips
- 20 year warranty



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 | 4.02 kg/m |
| Dimensions | N/A | 30 x 295 mm |
| Deviation from Straightness | N/A | 0.03mm |
| Cupping | N/A | 0.20 mm |

| Mechanical Characteristics | Standard | Value |
|--------------------------------|----------|------------------------------|
| Falling mass impact resistance | EN 477 | 1.34 mm |
| Mid Span Point Load | EN 310 | Refer to load span table |
| Maximum Force | EN 310 | >10 kN |
| Slip Resistance | BS 7976 | 70 PTV (Dry) 46 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.