



 **Adek**[®]

Non-combustible aluminium decking systems

Balconies | Roof terraces | Walkways

www.a-dek.co.uk



Safe. Simple. Durable

Adek is a lightweight, non-combustible, A2fl-s1 & A2-s1, d0 fire rated, decking system which has been designed with the practicalities of everyday living in mind. Not only does it meet all the safety requirements for high rise balconies, roof terraces and walkways, it is also simple to fit, either on-site or off-site.





Adek Comfort Grip

Adek Comfort Grip is a fire-rated A2fl-s1 / A2-s1, d0 board offering a sleek and modern aesthetic that will add architectural interest to any installation. Whether that's a compact and bespoke balcony design or large commercial roof terrace.

Adek Comfort Grip has a stylish and smooth finish, whilst offering high levels of grip (tested to BS7976-2) so it's 'foot-friendly' to the end user.

ADEK COMFORT GRIP OPTIONS



COMFORT GRIP 295

Fire rating: Tested to BS EN 13501-1: A2fl-s1 / A2-s1, d0

Slip resistance: Tested to BS7976-2 classification: Low Slip Potential

Wear resistance: Tested to EN 660-2. Excellent resistance to wear

Colour: Anthracite Grey (RAL 7016). Other RAL available*

Material: Aluminium 6063 tempered to T6 100% recycled

Lengths: Standard – 6m, 5m, 4m + available cut to length

Width/Depth: 295mm x 20mm or 30mm option

Load span: 20mm depth: 800mm max centres at a point load of 2kN**

Load span: 30mm depth: 1200mm max centres at a point load of 2kN**

*Minimum order quantities apply

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



COMFORT GRIP 147

Fire rating: Tested to BS EN 13501-1: A2fl-s1 / A2-s1, d0

Slip resistance: Tested to BS7976-2 classification: Low Slip Potential

Wear resistance: Tested to EN 660-2. Excellent resistance to wear

Colour: Anthracite Grey (RAL 7016). Other RAL available*

Material: Aluminium 6063 tempered to T6 100% recycled

Lengths: Standard – 6m, 5m, 4m + available cut to length

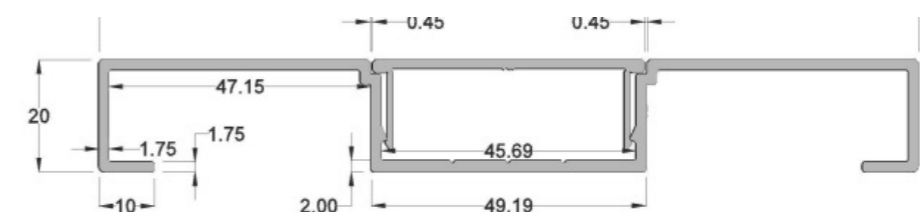
Width/Depth: 147mm x 20mm or 30mm option

Load span: 20mm depth: 600mm max centres at a point load of 4kN**

Load span: 30mm depth: 800mm max centres at a point load of 2kN**

*Minimum order quantities apply

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





Adek Enhanced Grip

When slip resistance is a key specification requirement, Adek Enhanced Grip boards are the perfect choice. Not only do they offer a A2fl-s1 / A2-s1, d0 fire-rating, but they also ensure exceptional levels of grip in wet and dry conditions.

Adek Enhanced Grip deck boards have been specifically developed to provide an additional 15% grip in dry conditions and an additional 20% grip in wet conditions, compared to Adek Comfort Grip (when tested to BS7976-2).

These aluminium deck boards have a low profile (1mm) raised ridge running their full length, creating a more commercial aesthetic. The chamfered shoulders of the ridges mean the boards are still comfortable underfoot, whilst providing exceptionally high levels of grip.

For added flexibility, a range of board widths are available, as well as additional support leg options.



ADEK ENHANCED GRIP OPTIONS



ENHANCED GRIP 295

Fire rating: Tested to BS EN 13501-1: A2fl-s1 / A2-s1, d0

Slip resistance: Tested to BS7976-2 classification: Low Slip Potential

Wear resistance: Tested to EN 660-2. Excellent resistance to wear

Colour: Anthracite Grey (RAL 7016). Other RAL available*

Material: Aluminium 6063 tempered to T6 100% recycled

Lengths: Standard – 6m, 5m, 4m + available cut to length

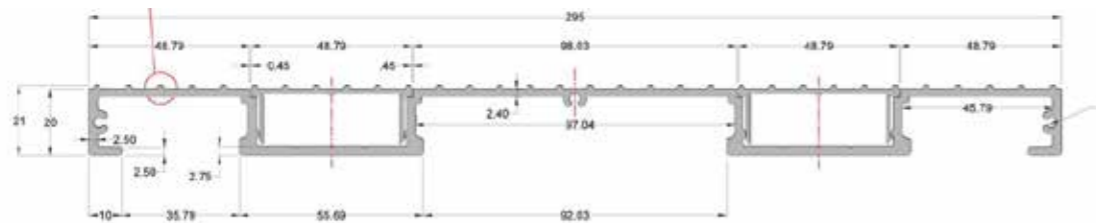
Width/Depth: 295mm x 20mm or 30mm option

Load span: 20mm depth: 800mm max centres at a point load of 2kN**

Load span: 30mm depth: 1200mm max centres at a point load of 2kN**

*Minimum order quantities apply

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



ENHANCED GRIP 147

Fire rating: Tested to BS EN 13501-1: A2fl-s1 / A2-s1, d0

Slip resistance: Tested to BS7976-2 classification: Low Slip Potential

Wear resistance: Tested to EN 660-2. Excellent resistance to wear

Colour: Anthracite Grey (RAL 7016). Other RAL available*

Material: Aluminium 6063 tempered to T6 100% recycled

Lengths: Standard – 6m, 5m, 4m + available cut to length

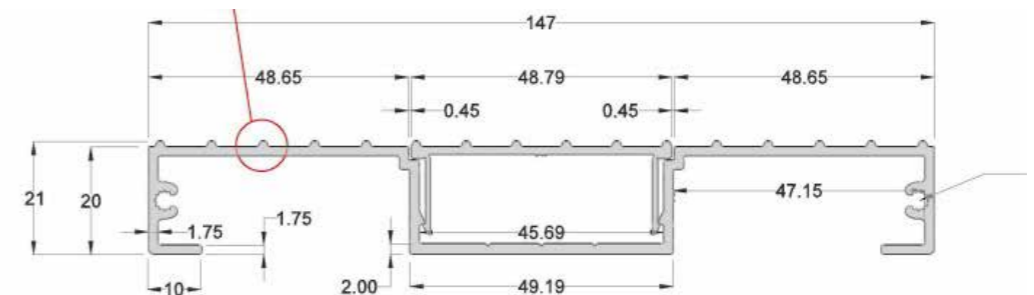
Width/Depth: 147mm x 20mm or 30mm option

Load span: 20mm depth: 600mm max centres at a point load of 4kN**

Load span: 30mm depth: 800mm max centres at a point load of 2kN**

*Minimum order quantities apply

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



RAPID INSTALLATION WITH CONCEALED FIXINGS



FIXINGS

Adek systems are supplied with specific screws for fixing the boards and the associated components.



PEDESTAL

A range of fully adjustable aluminium pedestals that work with all Adek boards.

Options:
A series of pedestals with adjustable heights

Fire-rated:
Non-combustible



BEARERS

Non-combustible aluminium bearers designed specifically for use with all Adek boards.

Options:
Length – 2.5m or 5m

Profile:
25mm x 50mm x 3mm
or 50mm x 50mm x 3mm

Fire-rated:
Non-combustible



UNIVERSAL END TRIM

These trims create a neat finish to Comfort Grip boards and can be used with both the 20mm and 30mm depths as well as 147mm and 295mm widths.

Options:
Length 4m

Fire-rated:
Non-combustible



SUPPORT LEGS

295mm boards can be 'ripped' down the full length for customisation on site. The support leg is fitted to the ribbed edge to complete the board.

Options:
Length 4m, 5m, 6m
Available for 20mm or 30mm deep boards.

Fire-rated:
Non-combustible

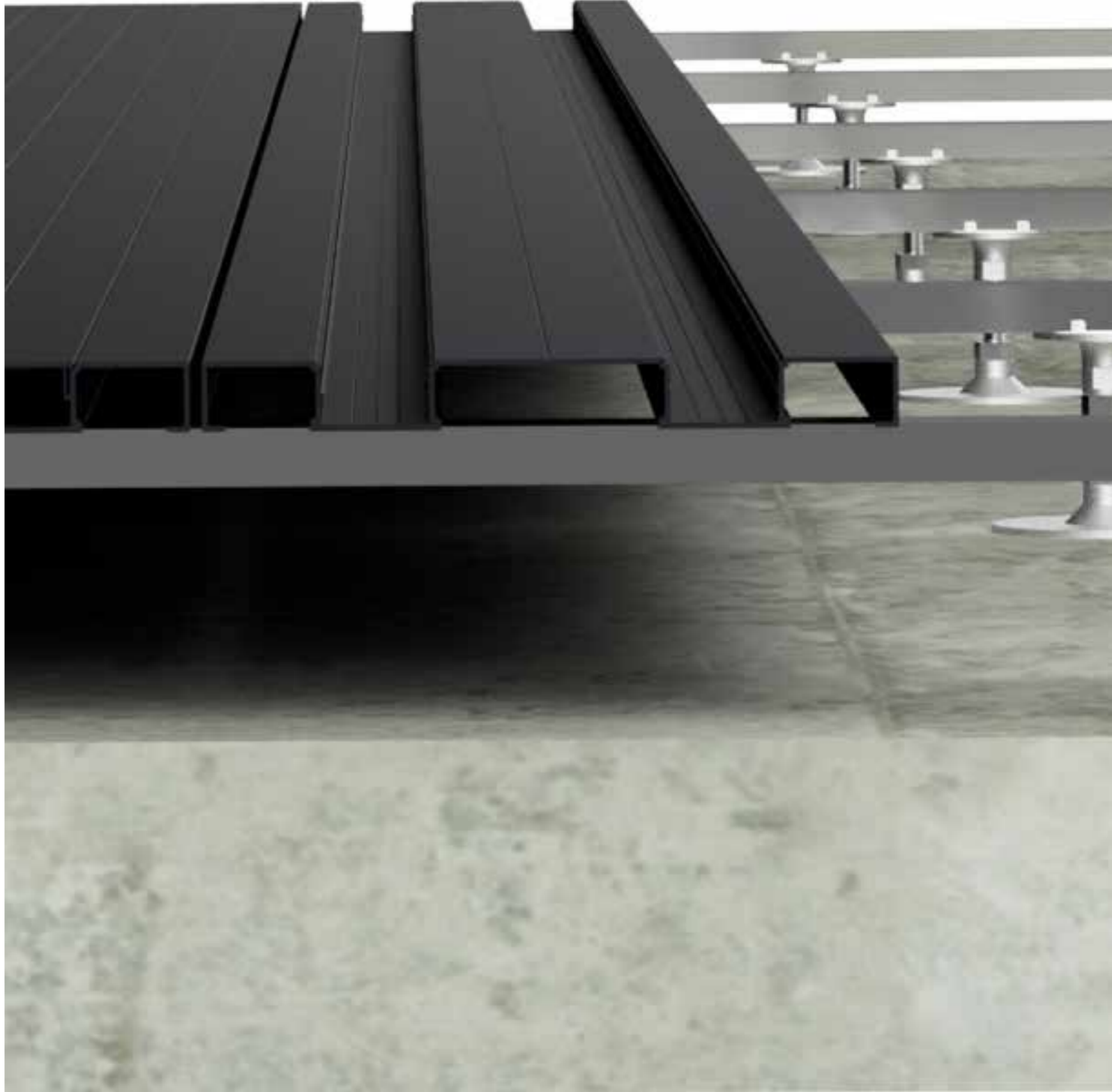


END PLATES

To create a neat finish to Enhanced Grip boards, end plates screw fix into integrated screw ports, which are found in the length of the board.

Options:
20mm deep x 147mm wide; 20mm deep x 295mm wide; 30mm deep x 147mm wide; 30mm deep x 295mm wide

Fire-rated:
Non-combustible





FULLY RECYCLABLE

100% recycled aluminium

Adek aluminium decking is leading the way when it comes to sustainability. We're proud to offer the first decking system available in the UK that is made from 100% recycled aluminium.



FIRE RATING

A2-s1, d0 & A2fl-s1 fire rated

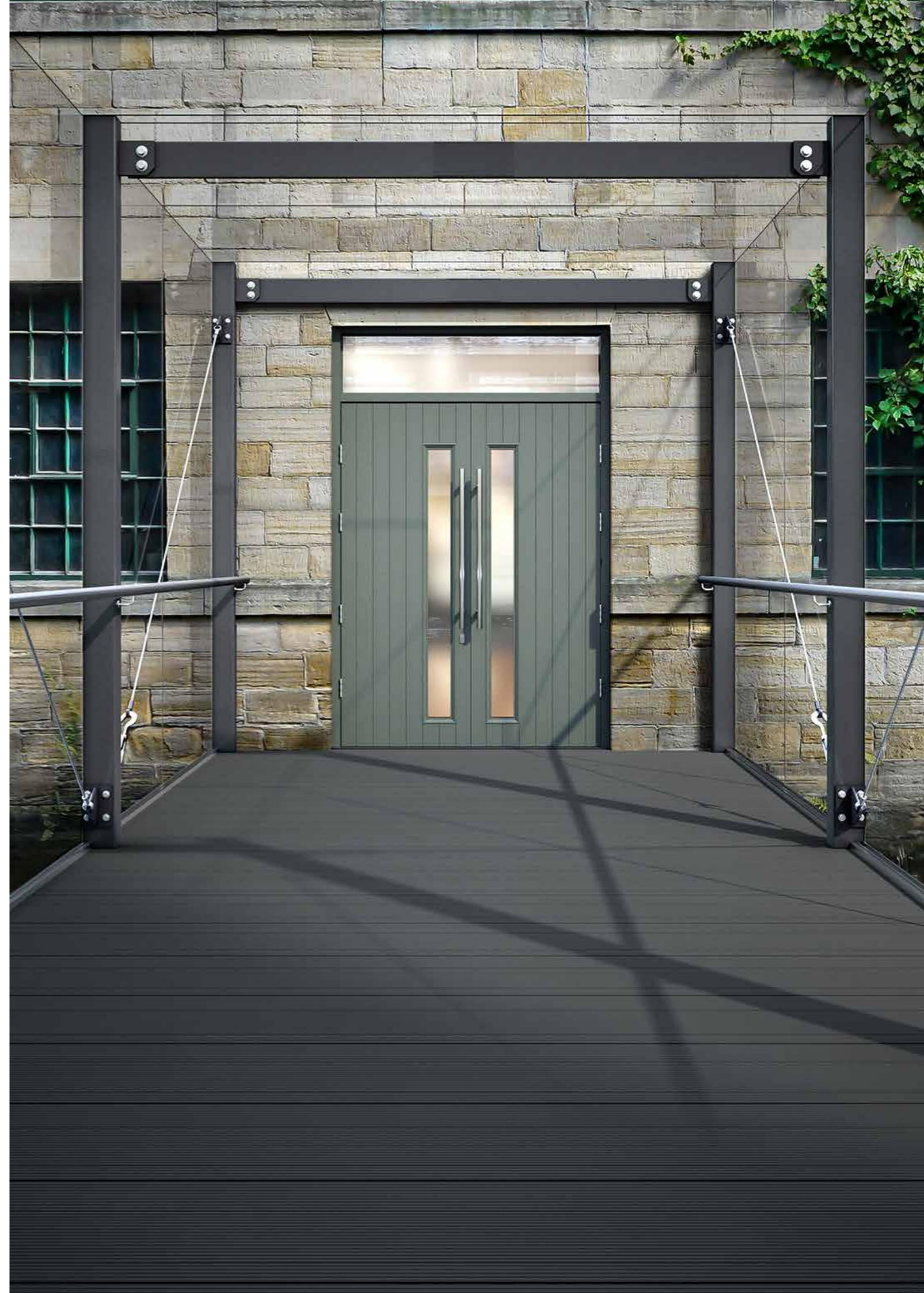
Adek systems have undergone independent third-party testing to BS EN 13501-1: 2018 and has been classified at A2fl-s1 & A2-s1, d0. This means they are non-combustible, their smoke emissions are weak or absent, and they do not create flaming droplets.



SLIP RESISTANCE

Excellent level of slip resistance

Adek Comfort Grip and Adek Enhanced Grip boards are classified as having low slip potential in both wet and dry conditions in accordance with BS7976-2 Pendulum Slip Test. The boards' powder coat finish is formulated to provide good contact between footwear or bare feet and the deck surface.





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