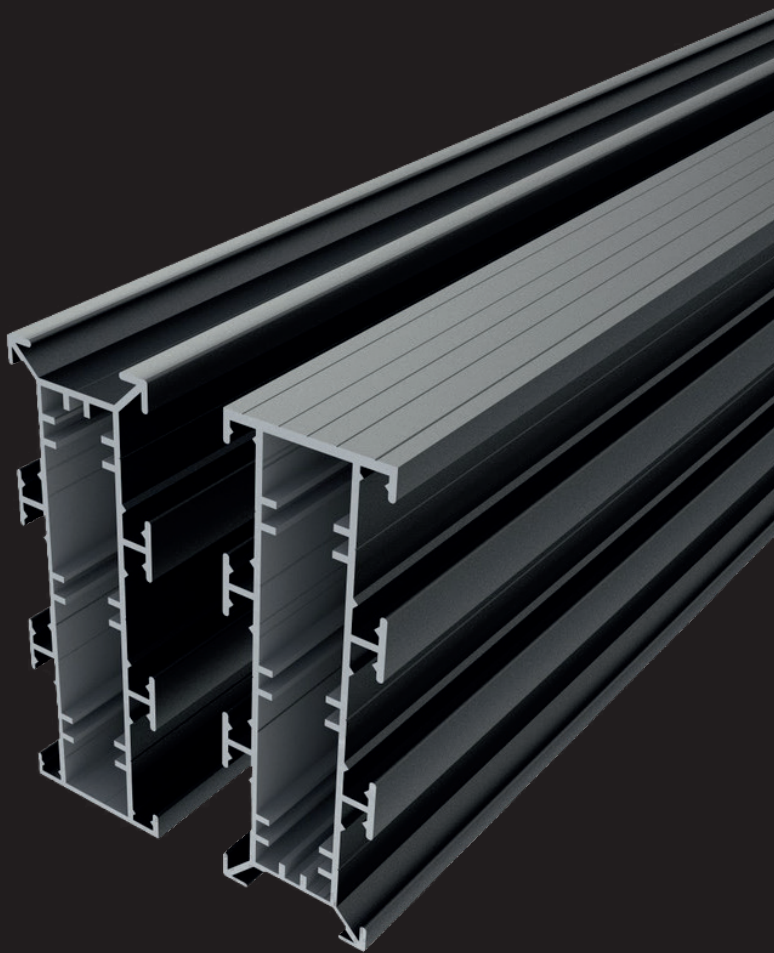




**Multi-Surface, Multi-Height, Multi-Substrate,  
Modular Aluminium Deck Frame Solutions**



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**F.H.BRUNDLE**

# The Challenge

Traditional timber decking construction is fraught with issues.

## Durability:

Susceptible to rot, decay, and warping, especially in hidden sub-frames.

## Height Restrictions:

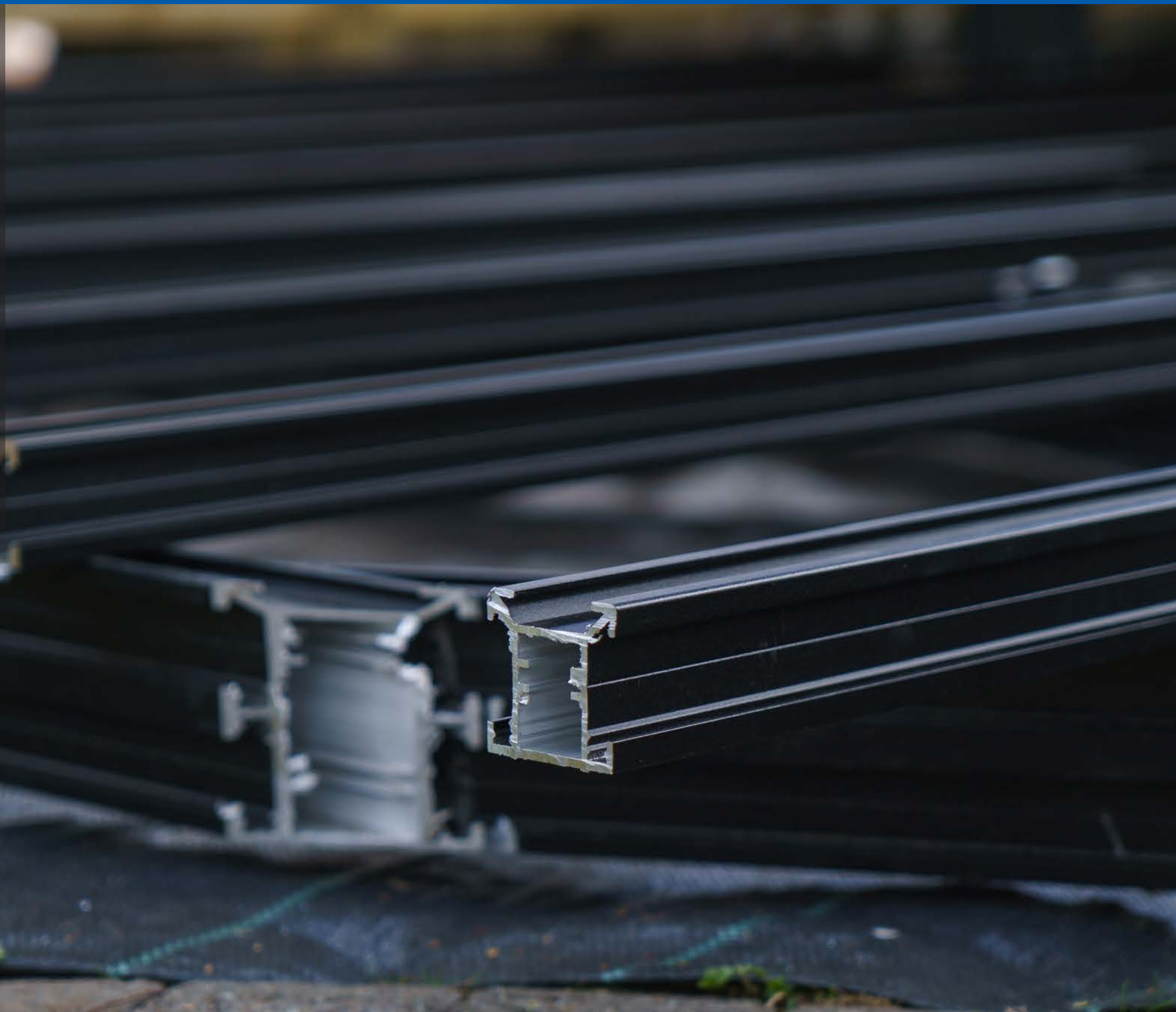
Difficult to achieve a low-profile finish, especially on balconies or patios.

## Maintenance:

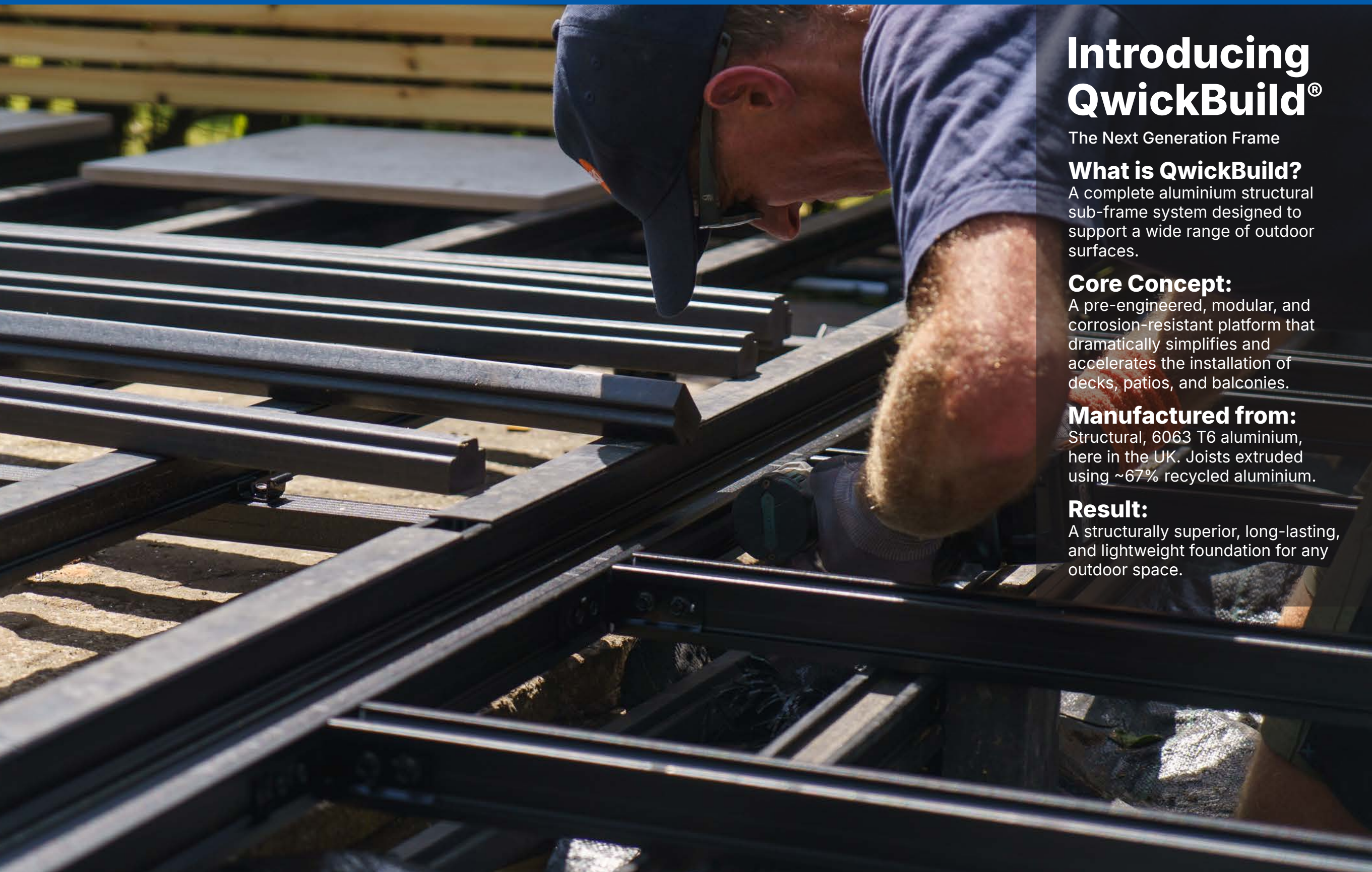
Requires regular upkeep to prevent structural failure.

## The Solution:

The **Outdure® QwickBuild®** system eliminates these barriers, offering a modern, durable, and rapid alternative.







# Introducing QwickBuild®

The Next Generation Frame

## What is QwickBuild?

A complete aluminium structural sub-frame system designed to support a wide range of outdoor surfaces.

## Core Concept:

A pre-engineered, modular, and corrosion-resistant platform that dramatically simplifies and accelerates the installation of decks, patios, and balconies.

## Manufactured from:

Structural, 6063 T6 aluminium, here in the UK. Joists extruded using ~67% recycled aluminium.

## Result:

A structurally superior, long-lasting, and lightweight foundation for any outdoor space.



# Outdure® QwickBuild®

Five Core Benefits Overview

## **Speed & Efficiency:**

Up to 70% faster installation than traditional methods.

## **Durability:**

Corrosion resistant, structural aluminium with a manufacturer's limited lifetime warranty.\*

## **Low Profile Capability:**

Achieves extremely low finished heights, ideal for restricted areas. Decks as low as 57mm.

## **Versatility:**

Supports multiple surface finishes on a single frame (e.g., tiling, composite decking, artificial grass).

## **Increased Spans:**

Joist spans of around 4m.

\*Limited lifetime warranty dependent on deck frame being installed in residential setting by a trained Outdure installer. Full conditions apply.





## Deep Dive

Speed and Simplified Installation

### Modular Design:

Components slot together without complex cutting or nailing, requiring fewer tools.

### Lightweight Material:

Aluminium is easy to handle, transport, and install, reducing physical strain and logistical complexity.

### No Joist Hangers:

The integrated system removes the need for common, time-consuming framing accessories.

### Reduced Labour Costs:

The rapid installation translates directly into significant savings on labour and shorter project timelines.

## Deep Dive

Durability and Longevity

### 6063 T6 Aluminium

### Manufactured in the UK:

Chosen for its superior strength-to-weight ratio and exceptional resistance to environmental factors.

### Corrosion Resistance:

Unlike timber, aluminium does not rot, warp, or suffer from insect attack, ensuring a lifetime structural solution.

### Structural Integrity:

Engineered to meet stringent standards and loadings of up to 5.0kPa UDL, 4.5kN PL; providing a safe, stable, and level platform for its lifetime.

### Warranty Confidence:

Backed by an exclusive lifetime manufacturer's warranty\* on residential decks and 15-years on commercial.\*

\*Limited lifetime warranty dependent on deck frame being installed in residential setting by a trained Outdure installer. Full conditions apply.



# QwickBuild® Deck Frame System

## Components:

The system uses interconnected aluminium joists and bearers.

## Adjustable Supports/Pedestals:

Specialised, adjustable base supports allow for precise levelling to the millimetre over uneven or sloped surfaces.

## Quality Bracketry:

The high-strength bracketry used to join and brace joists and beams is engineered to enhance the strength of the completed deck frame.

## Beams & Joists:

A wide range of load-bearing joists that allow for greater spans, saving on supports with greater spanning capabilities.



## Frame Versatility

The Low-Profile Advantage

### Critical Application:

QwickBuild excels in areas with limited height clearance, such as:

- **Balconies under 11m elevation**  
(where threshold heights are strictly regulated).
- **Heavily sloping substrates.**
- **Directly over existing concrete patios or membranes.**

### Minimal Build-Up:

The system can achieve finished heights significantly lower than traditional timber framing (finished decks from as low as 57mm), maximising usable space.





## The Surfacing System

Seamless Integration

### Interchangeability:

The QwickBuild frame is engineered to accept multiple finished surfaces using standardised clips and channels.

### Surface Consistency:

Maintain a perfectly consistent, level finish across the entire area, even when transitioning between materials.

### The Clip System:

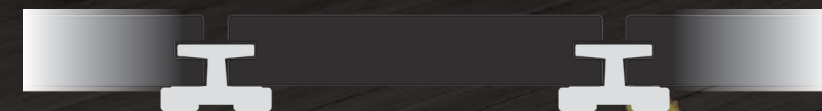
Surfaces are secured via specific clip systems that lock into the aluminium frame, eliminating the need for visible screws in most applications.

## Composite Decking

Suitable for almost all composite and mineral boards available in the UK

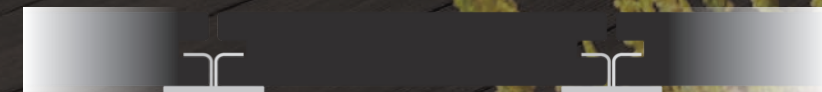
### Installation (A):

Channelled boards are secured using hidden fasteners (TwistClip) that lock directly into the QwickBuild joists, ensuring a clean, screw-free aesthetic.



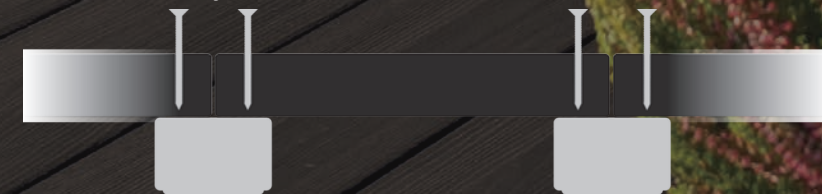
### Installation (B):

Channelled boards can also be secured to the flat side of the joist using traditional concealed clips.



### Installation (C):

Solid boards using concealed screws attach directly to a polymer batten for improved ease of installation and durability.





# Porcelain Tiles

## Product:

Outdoor-grade, structural porcelain tiles (20mm thick).

## Key Benefits:

Extremely hard-wearing, non-slip (R11 rated), frost-proof, colour-fast, and zero maintenance.

## Installation:

Tiles are installed directly onto the frame using specialised rubber beading and spacers, offering a stable and grout-free installation.

## Aesthetics:

Ideal for modern patios and rooftop spaces requiring a sophisticated, high-end stone or concrete look.



# Artificial Grass

## Product:

Integration with Namgrass artificial turf.

## Innovation:

QuickBuild provides a perfectly level, free-draining base for synthetic turf, eliminating problems associated with laying *grass* directly on uneven ground.

## Benefits:

Creates safe, aesthetically pleasing, and durable green areas on hard surfaces like concrete, balconies, or rooftops.

## Drainage:

The frame ensures water drains away effectively, keeping the *grass* dry and extending its life.



# Balustrades & Railings

## Safety First:

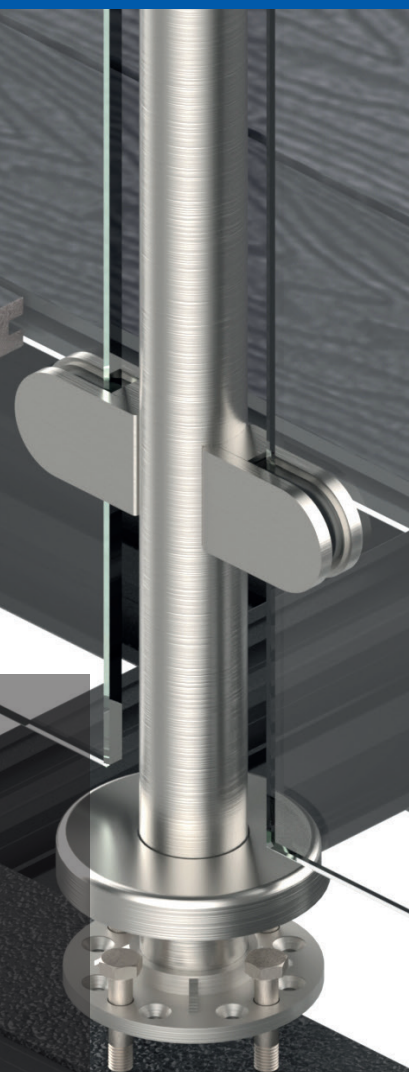
QwickBuild is designed for seamless and compliant integration with various balustrade and railing systems to comply with Part K of the building regulations.

## Streamlined Process:

Fixing the balustrade to the blocking rather than the underlying structure simplifies installation and guarantees compliance with loading requirements.

## Fixed Points:

The aluminium frame integrates with structural polymer blocking, providing secure fixing points for posts and channel systems, ensuring structural integrity and meeting safety regulations for elevated areas.



# Applications and Project Use Cases

## Residential:

Decks, pool surrounds and accessible ramps. Plus balconies, terraces and rooftop gardens (that do not exceed 11m in elevation\*\*).

## Commercial:

Hotel terraces, public walkways, hospitality venues, apartment block balconies.

## Specialist:

Areas requiring high moisture resistance (e.g., around hot tubs) or extremely low-profile build-up (e.g., urban renewal projects).

## Flexibility:

The system adapts to complex shapes and restricted access sites where traditional construction struggles.

\*\*Outdure QwickBuild components are not fire rated and therefore are not suitable for installation above 11m.





# DeckPlanner

Designing with Confidence

## Functionality:

Allows users to input project dimensions, select surface materials, and configure the finished deck.

## Key Benefits:

Simplifies the design process for both professionals and end-users, ensuring feasibility and structural accuracy before ordering.

## Automated Calculation:

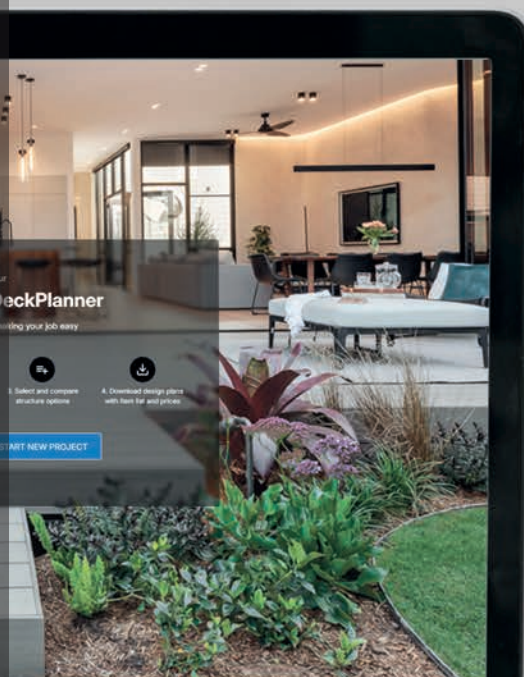
The tool instantly generates a precise Bill of Materials (BOM) for the entire QwickBuild frame, surfacing, and accessories.

## Quote Generation:

Provides rapid, accurate costings, eliminating guesswork and potential waste.

## Time Saving:

Reduces the time spent on manual design, measurement, and materials ordering, streamlining the entire project pipeline.



Scan to start your decking project



[www.deckplanner.fhbrundle.co.uk/](http://www.deckplanner.fhbrundle.co.uk/)



# Support & Training

## Outdoor Commitment:

Comprehensive support ensures successful project completion and warranty.

## Installer & Reseller Training:

Structured training programs and workshops are available to certify installers and resellers in the efficient and correct use of the QwickBuild system.

## Hands-on Learning:

Training covers best practices for frame assembly, surface integration, and handling complex installations.



# Limited Lifetime Warranty

## Peace of Mind:

The QwickBuild system is a long-term investment backed by robust guarantees.

## Residential Deck

### Frame Warranty:

Lifetime structural manufacturer's guarantee on the aluminium frame when installed by trained installers (10-year warranty if not).\*

## Commercial Deck

### Frame Warranty:

15-year structural guarantee on the aluminium frame when installed by trained installers (10-year warranty if not).\*

## Surface Warranties:

Surfaces (Composite, Porcelain, Grass) are covered by their own specific warranties.

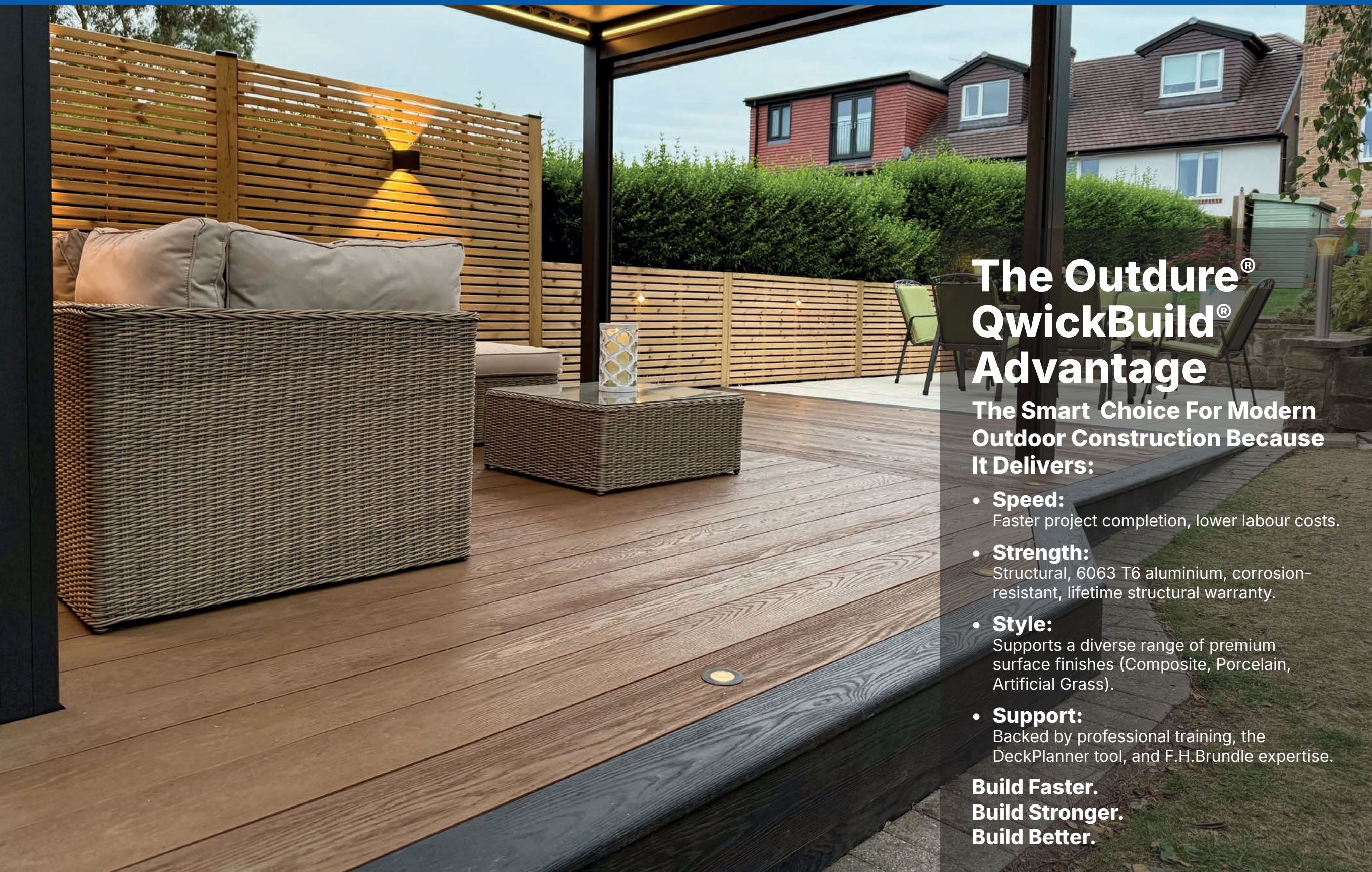
## Compliance:

Built and tested to meet relevant building codes and safety standards.

\*Limited lifetime warranty dependent on deck frame being installed in residential setting by a trained Outdure installer. Full conditions apply.







# The Outdure® QwickBuild® Advantage

The Smart Choice For Modern  
Outdoor Construction Because  
It Delivers:

- **Speed:**  
Faster project completion, lower labour costs.
- **Strength:**  
Structural, 6063 T6 aluminium, corrosion-resistant, lifetime structural warranty.
- **Style:**  
Supports a diverse range of premium surface finishes (Composite, Porcelain, Artificial Grass).
- **Support:**  
Backed by professional training, the DeckPlanner tool, and F.H.Brundlé expertise.

**Build Faster.  
Build Stronger.  
Build Better.**





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