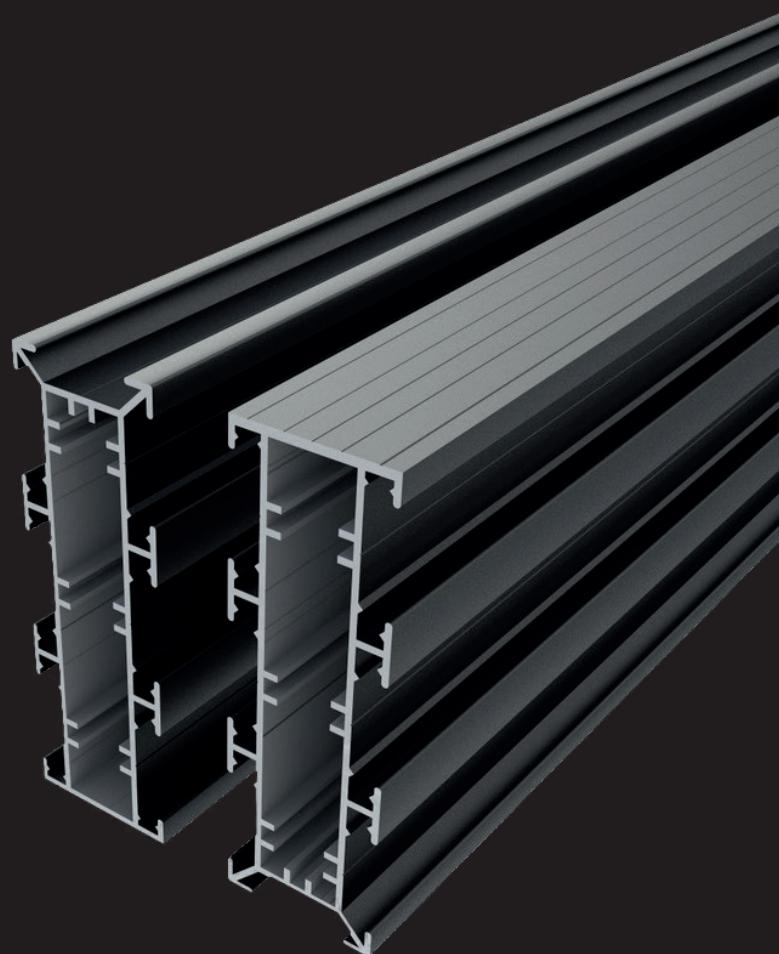




**Multi-Surface, Multi-Height, Multi-Substrate,
Modular Aluminium Deck Frame Solutions**



Distributed exclusively by



F.H.BRUNDEL

The Challenge

Traditional timber decking construction is fraught with issues.

Durability:

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

Height Restrictions:

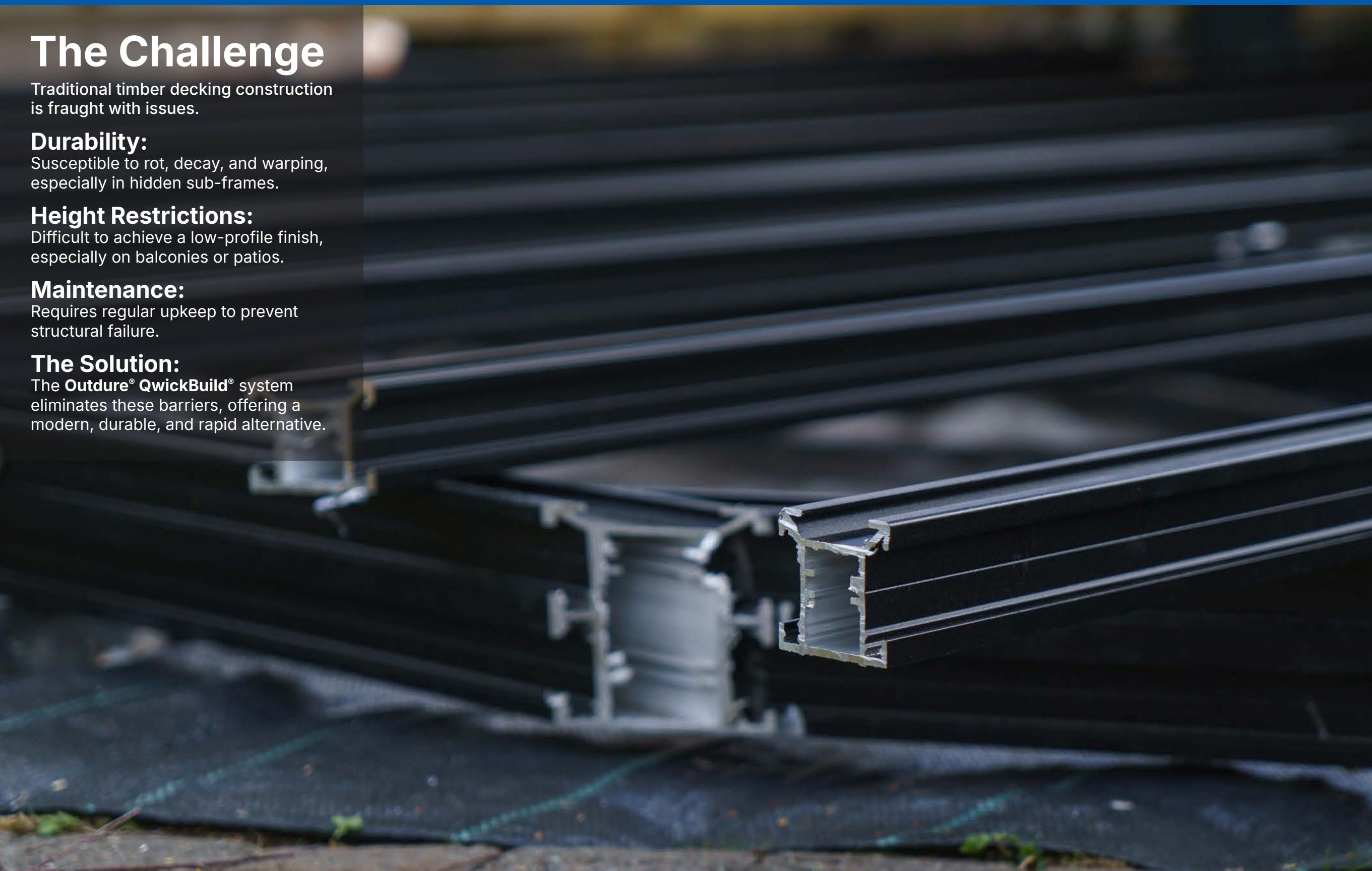
Difficult to achieve a low-profile finish, especially on balconies or patios.

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:

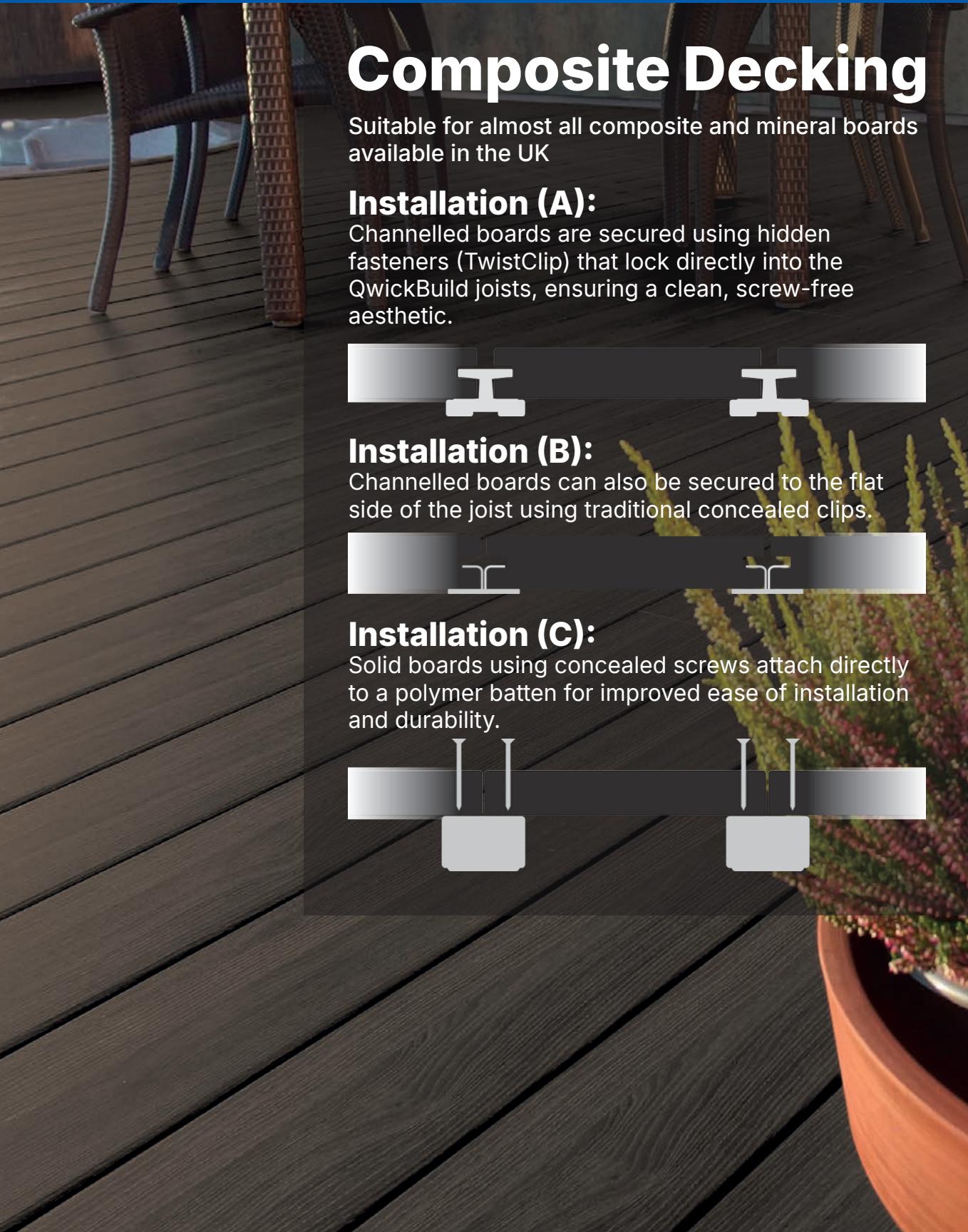
The QwickBuild frame is engineered to accept multiple finished surfaces using standardised clips and channels.

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.

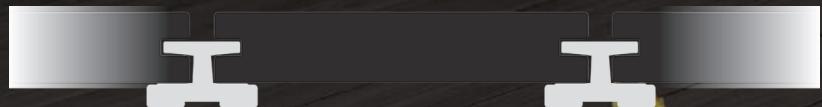


Composite Decking

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

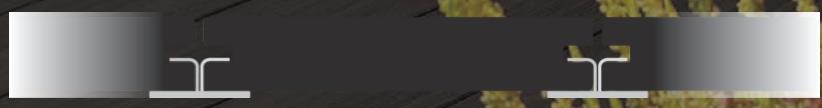
Installation (A):

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



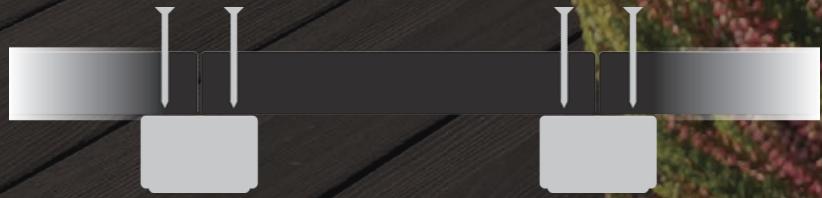
Installation (B):

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:

QwickBuild 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:

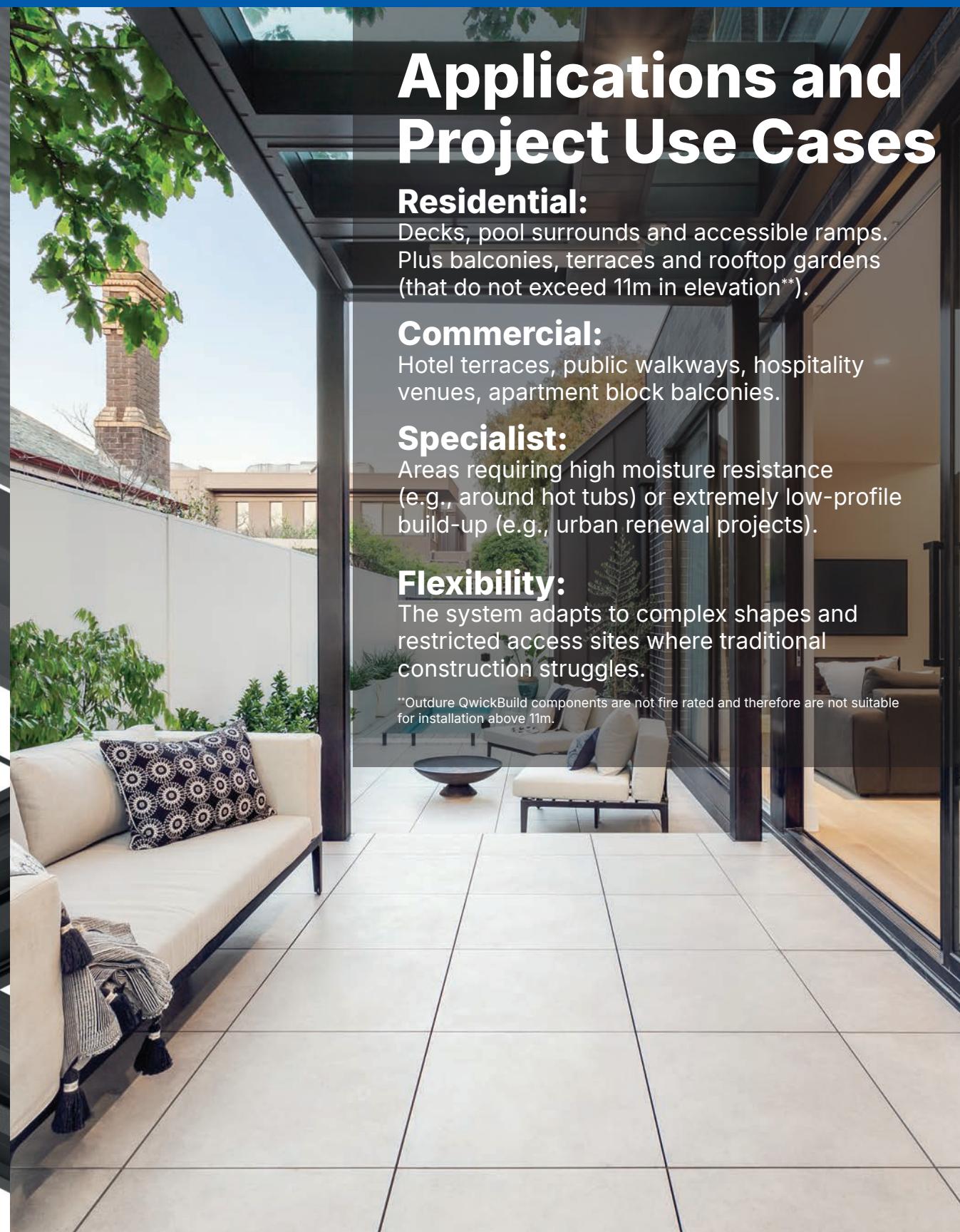
QwickBuild is designed for seamless and compliant integration with various balustrade and railing systems to comply with Part K of the building regulations.

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:

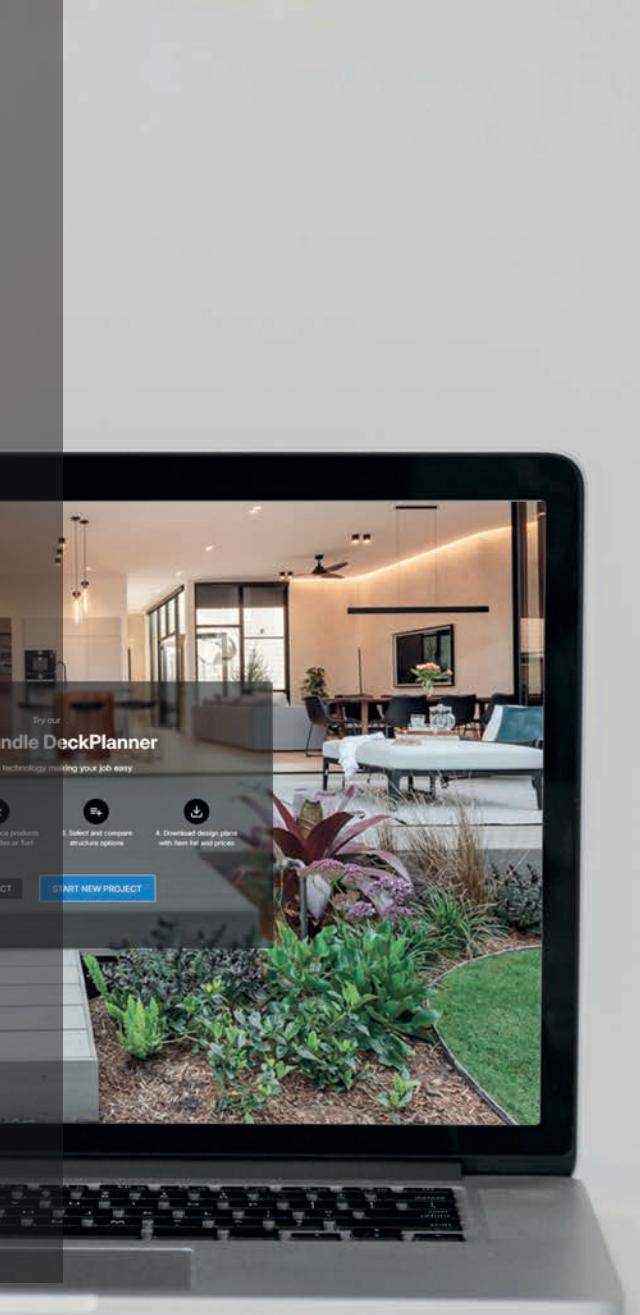
The tool instantly generates a precise Bill of Materials (BOM) for the entire QwickBuild frame, surfacing, and accessories.

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/



Support & Training

Outdure 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.

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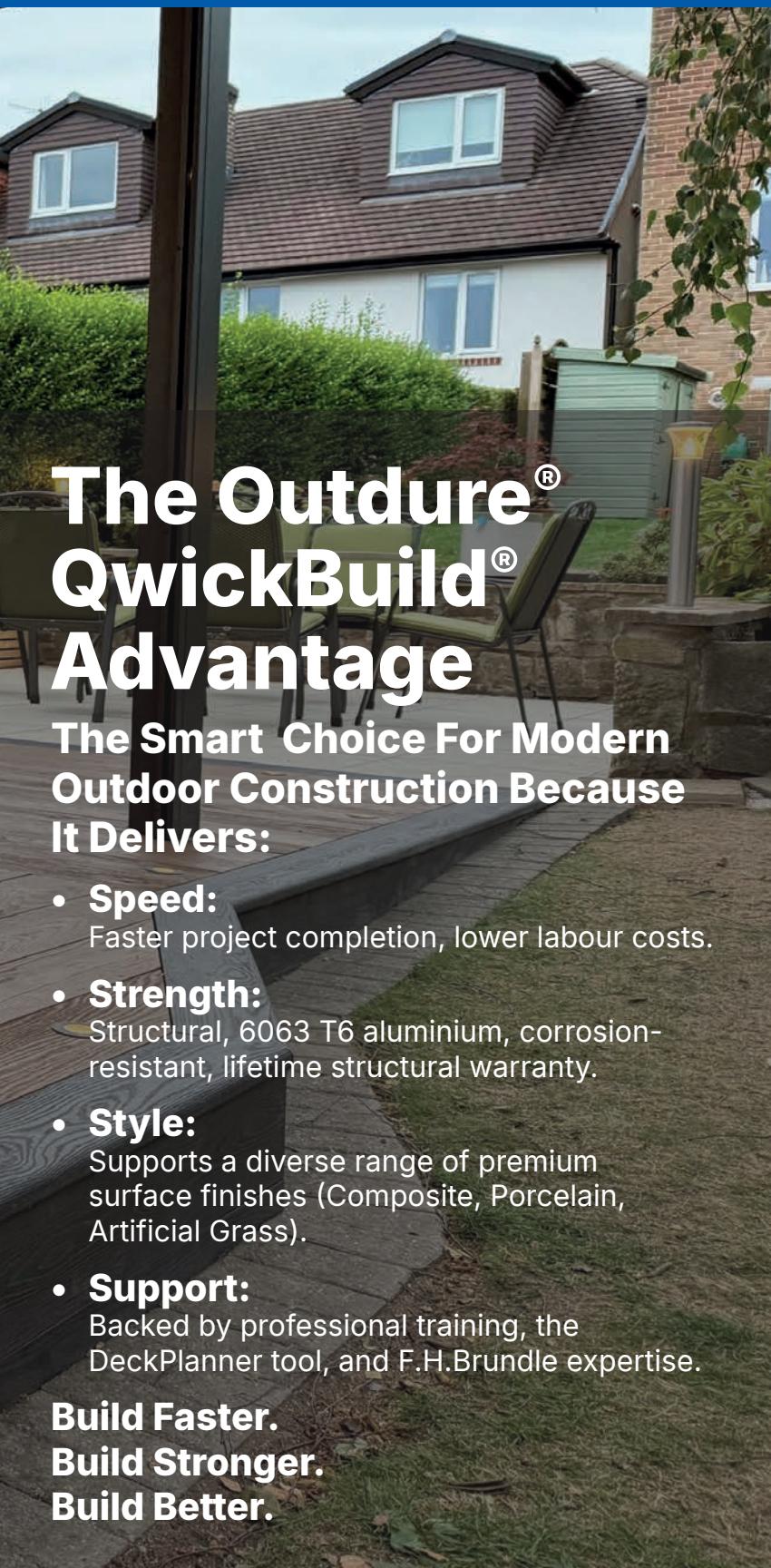


The Outdure® QwickBuild® Advantage

The Smart Choice For Modern Outdoor Construction Because It Delivers:

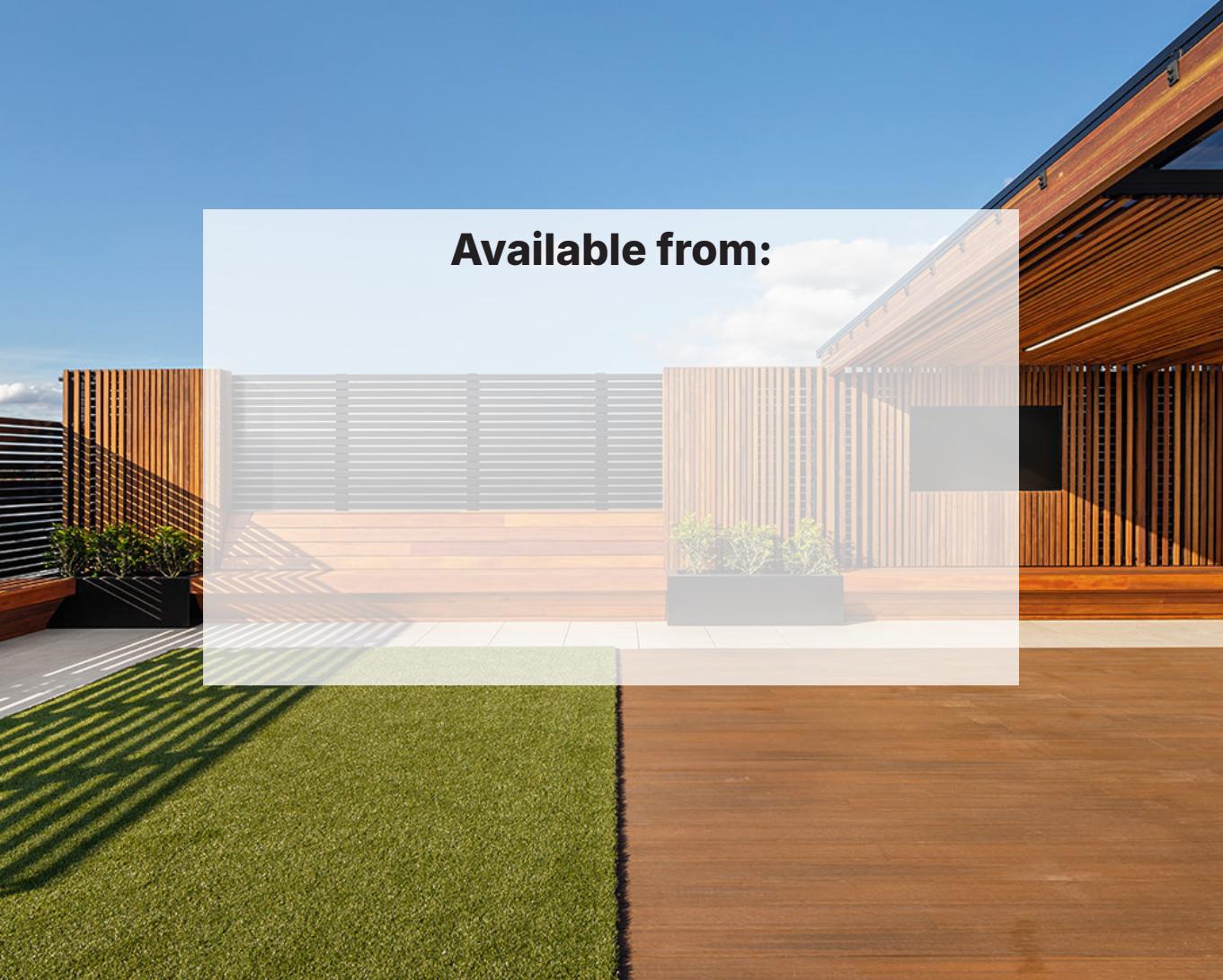
- Speed:**
Faster project completion, lower labour costs.
- Strength:**
Structural, 6063 T6 aluminium, corrosion-resistant, lifetime structural warranty.
- Style:**
Supports a diverse range of premium surface finishes (Composite, Porcelain, Artificial Grass).
- Support:**
Backed by professional training,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

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





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