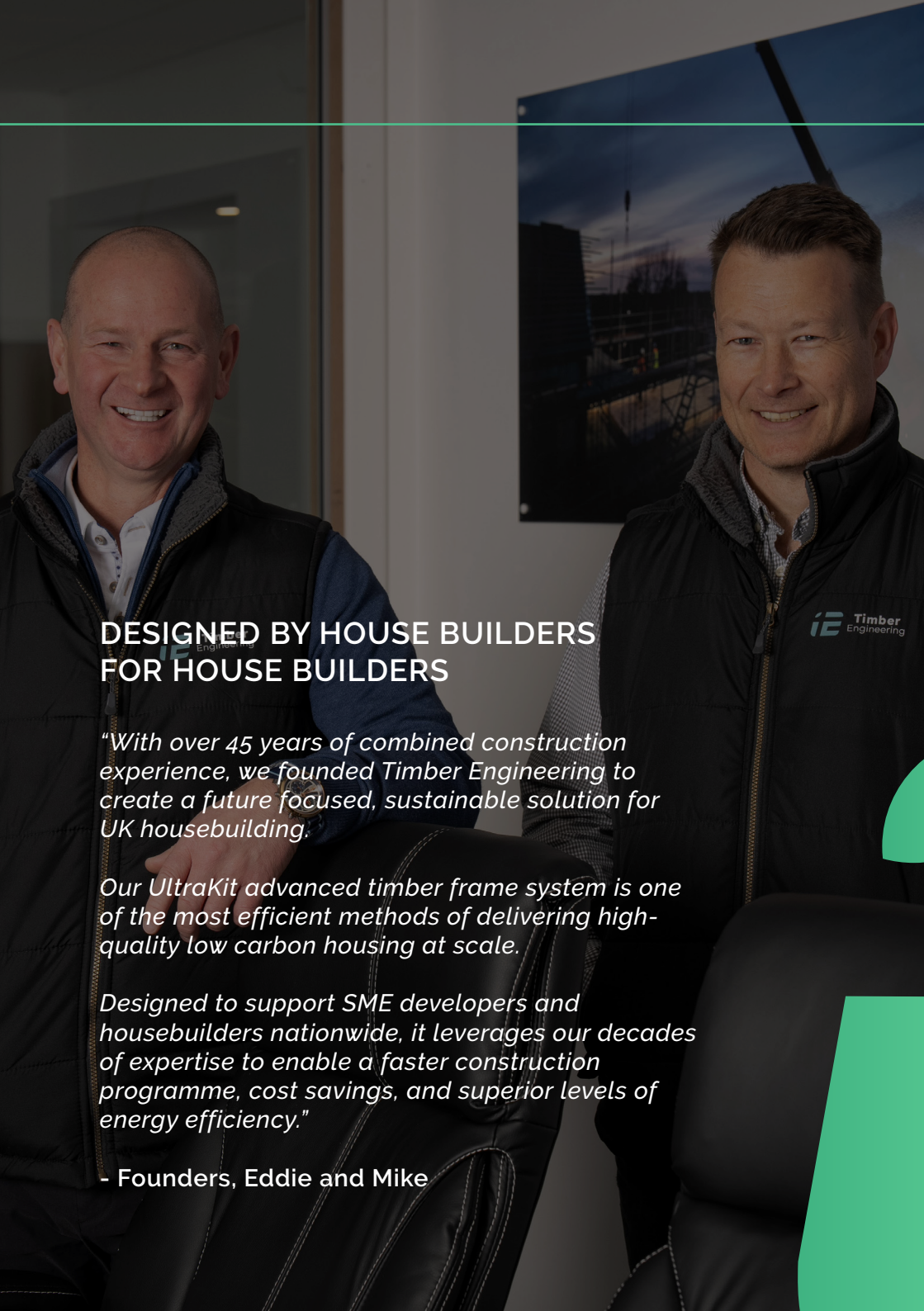




SMARTER, GREENER, FASTER

REVOLUTIONISING
UK HOUSEBUILDING





TIMBER FRAME HOMES IN RECORD TIME WITH COST SAVINGS BUILT IN

Timber Engineering is on a mission to transform UK house building. The UK faces a shortfall of approximately 4.3 million homes, with traditional construction methods struggling to meet demand. The process is often slow, labour-intensive, and inefficient, with clear opportunities for improvement in safety, logistics, sustainability, and career progression.

Timber Engineering is driving change with its innovative **UltraKit system**, delivering eco-friendly, precision-built structures. UltraKit ensures efficiency, superior craftsmanship, and cost savings from design to delivery, while also creating exciting career opportunities in a rapidly growing industry.

DESIGNED BY HOUSE BUILDERS FOR HOUSE BUILDERS

"With over 45 years of combined construction experience, we founded Timber Engineering to create a future focused, sustainable solution for UK housebuilding."

Our UltraKit advanced timber frame system is one of the most efficient methods of delivering high-quality low carbon housing at scale.

Designed to support SME developers and housebuilders nationwide, it leverages our decades of expertise to enable a faster construction programme, cost savings, and superior levels of energy efficiency."

- Founders, Eddie and Mike



A "SUPER" STRUCTURE FOR AN ENERGY EFFICIENT HOME

ULTRAKIT - is more than just large timber panels - it's an advanced timber frame system designed to revolutionise house construction.

THE PROCESS >>



Concept

1

UltraKit streamlines building with pre-manufactured panels, enhancing efficiency, sustainability, and safety while minimising waste.



Design

2

We can customise your UltraKit to optimise energy performance and streamline the building warrant process with sustainable, efficient designs.



Manufacture

3

We manufacture UltraKit using larger gauge timbers for enhanced strength, quality, and improved thermal performance through a bigger cavity.



Delivery

4

UltraKit frames arrive just in time for installation, pre-fitted with windows and insulation, reducing deliveries, handling, and boosting productivity.



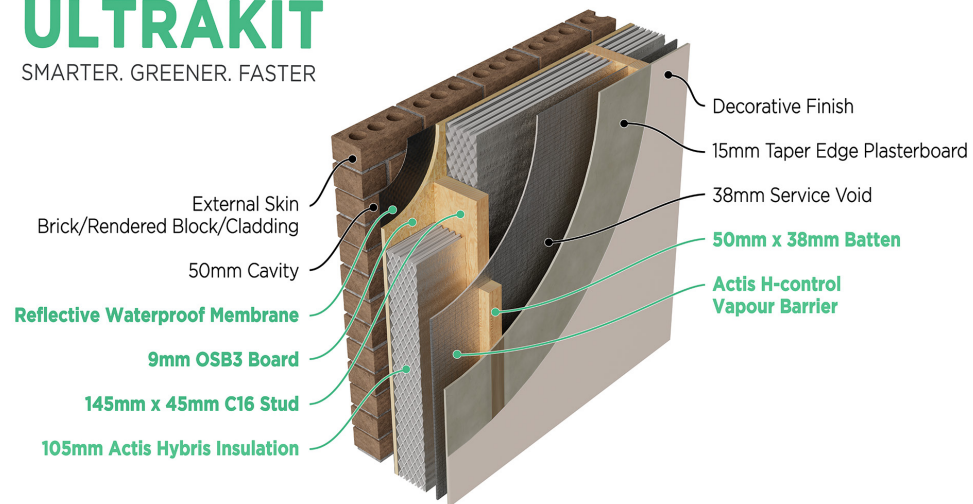
Assembly

5

UltraKit speeds up your build with fewer junctions and crane-handled panels, making homes wind and water-tight in one day—faster, safer, and stronger.

ULTRAKIT

SMARTER. GREENER. FASTER



The UltraKit system is designed to elevate and accelerate the way you build homes with each layer ensuring superior thermal performance and sustainability. Each component carefully researched and selected to ensure an impressive external wall U-Value of 0.16W/m2K.



LEARN MORE ABOUT THE ULTRAKIT SYSTEM



EFFICIENCY IN EVERY BUILD

How does UltraKit save time on-site?

What makes UltraKit more cost-effective than traditional methods?

Is UltraKit compatible with energy-efficient designs?

What types of projects is UltraKit suitable for?

How does UltraKit ensure quality and durability?



UltraKit panels, custom-made with windows and insulation, enable homes to become wind and water-tight in just 1-2 days, significantly reducing build time on-site.

UltraKit cuts costs by reducing on-site labour, build times, and waste. Pre-made panels and crane assembly ensure faster, more efficient builds with consistent quality.

Yes! UltraKit panels offer large insulation cavities for superior thermal performance. Paired with cavity insulation and vapour control, they meet Future Homes Standard, boosting EPC ratings and cutting heating costs.

UltraKit offers versatility for bespoke homes to multi-unit projects. Customisable for design and performance needs, it ensures flexibility, efficiency, and cost savings.

UltraKit panels, crafted from sustainably sourced, treated timber, are precision-built in an ISO 9001-certified factory, ensuring durability, minimal bowing, and fewer settlement-prone junctions.



Working with Timber Engineering has been a game-changer for Mallard Homes"

Paul Heap
Mallard Homes

READY TO GET STARTED?

WHAT PACKAGE IS RIGHT FOR YOU? >>

◆ SUPPLY AND DELIVERY

◆ SUPPLY, DELIVERY AND SUPPORT

◆ SUPPLY, DELIVERY, SUPPORT AND FRAME INSTALL



*Optional extras for all packages

- Pre-fitted windows
- Insulation
- Vapour control barrier

GET IN TOUCH





OPTIMISE TIME TO SAVE MONEY

REDUCE

LABOUR EXPENSES

CARBON EMISSIONS

RISK OF WEATHER DELAY

MANUAL HANDLING

OVERALL COSTS

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