



The Kingspan ULTIMA range has been developed by us, to meet the needs of self-builders and help deliver an energy-efficient home.

Our U-values range from 0.16 to 0.11 which exceeds the building regulations notional figure of 0.18 W/m²K.

It is a requirement of **Approved Document Part L: Conservation of fuel and power**, that the insulation and air barrier should abut each other at all points or that any space between them is filled with solid material.



- ▶ U-values that improve on the building regulations notional building requirements
- ▶ Designed to help achieve the required level of airtightness
- ▶ Manufactured in a factory with a comprehensive integrated management system
- ▶ Wall panel thickness from 187mm to 237mm

- ▶ Calculated thermal bridging values for all our systems
- ▶ Components assembled offsite, to help speed up the onsite build of your frame
- ▶ Design flexibility – for modern-day living

ULTIMA 90/50 (TW55/TW55)	ULTIMA 90/50 (K12/K112)	ULTIMA 140/50 (TW55/TW55)	ULTIMA 140/50 (K12/K112)
U-value (W/m ² K) (assuming brickwork cladding)			
0.15	0.14	0.12	0.11
Potential whole-house air tightness range (m ³ /(h.m ²) @ 50 Pa)			
1 to 3	1 to 3	1 to 3	1 to 3
Panel thickness from external breathable membrane to internal face of factory fitted batten (mm)			
187	187	237	237
Complete Wall, achieving 30 minute fire resistance (assuming brickwork cladding) (mm)			
352	352	402	402
Fire tested as a complete panel in accordance with the European Standard BS EN 1365-1: 2012			

Contact details

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Kingspan Timber Solutions Ltd reserves the right to amend product specifications without prior notice. The timber building systems shown in this document are generic representations of the products we offer - actual configurations are developed on a project basis. The information and technical details etc. included in this literature are given in good faith and apply to uses described. Recommendations for use should be verified for suitability and compliance with actual requirements, specifications and any applicable laws and regulations. For project applications or conditions of use, Kingspan Timber Solutions offers a Technical Advisory Service, the advice of which should be sought when considering the suitability of a Kingspan timber building system for any project.

To ensure you are viewing the most recent and accurate product information, please scan the QR code directly above.

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