



Kingspan TEK® is our structural insulated panels (SIPs) building system. It's manufactured in a quality-controlled factory to a design that matches your architectural plans. By choosing the Kingspan TEK® building system, you can achieve thermal performance levels as demanding as those required by the Passivhaus standard.



COMPONENTS ASSEMBLED OFF-SITE, TO HELP SPEED UP THE ONSITE BUILD OF YOUR FRAME



Did you know Kingspan TEK® can also be used to create roofs? Which means you can combine a Kingspan TEK® roof with our Kingspan ULTIMA external wall system. It is also **recognised by major building warranty providers** and is certified by the BBA.

- ▶ U-values that improve on the building regulations notional building requirements
- ▶ Potential whole-house airtightness levels of 0.3 to 3
- ▶ Components assembled offsite, to help speed up the on-site build of your frame

- ▶ Quality assured with offsite construction
- ▶ Manufactured in two thicknesses, 142mm and 172mm
- ▶ Designed to help reduce thermal bridging
- ▶ Design flexibility – for modern-day open-plan living

TEK® 142	TEK® 172	TEK® Plus	TEK® Passiv
U-value (W/m ² K) (assuming brickwork cladding)			
0.18	0.14	0.13	0.11 to 0.09
Potential whole-house airtightness range (m ³ /(h.m ²) @ 50 Pa)			
0.3 to 3	0.3 to 3	0.3 to 3	0.3 to 3
Kingspan TEK® panel thickness (mm)			
142	172	142	142
Complete Wall, achieving 30 minute fire resistance (assuming brickwork cladding) (mm)			
345	375	370	Project specific
BBA Certified (Applies to Kingspan TEK panel only)			
✓	✓	✓	✓

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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