

Declaration of Performance

Kingspan TEK Panel

1001.UKDoP.TEK.002

Unique identification code of the product-type: Kingspan TEK
Intended use/es: SIP-Prefabricated Wood based Load bearing Stressed skin panels
Manufacturer: Kingspan Insulation Ltd, Herefordshire HR6 9LA, UK
System/s of AVCP: System 1
Designated technical specification/UKAD UKAD 140022-00-0304
UK Assessment body/ies: BBA 0836
UK Technical Assessment no: UKTA-0836-21/0006
Certificate of constancy of performance no: UK 0836-CPR-22/P6146

Essential characteristics		Performance
Thermal Conductivity	Thermal conductivity λ_D (W/(m.K))	0.024 λ_D PU core
		0.13 λ_D OSB
		0.13 λ_D Solid timber 0.13
Reaction to fire	RtF	D-s2,d0 – 15mm OSB facing E - PUR Core
Fire Resistance	Tested to BS EN 1365-1 and classified to BS EN 13501-2	12.5mm Type A PB KNAUF 25x38mm timber batten TEK Panel 142mm REI 30
		15mm Type F (FIRE CHECK) PB KNAUF 25x50mm timber batten TEK Panel 142mm REI 60
Mechanical resistance and stability	Wall design load of 142 and 172 mm thickness	Refer to Annex B of UKTA-0836-21/0006
Dimensional stability	Roof design load of 142 and 172 mm thickness	Refer to Annex B of UKTA-0836-21/0006
Vapour permeability	Water vapour transmission	MU 70-100 PU Foam core MU 30-50 OSB MU 20-50 (wooden structural element)
Content and/or release of dangerous substances	Content and/or release of dangerous substances	PU core - NPD OSB: -formaldehyde Class E1

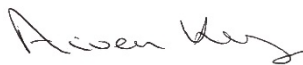
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		-Pentachlorophenol PCP from OSB boards PCP ≤ 5ppm or PCP ≥ 5ppm
Energy economy and heat retention	Thermal Inertia Natural Durability Air Permeability Airborne Sound Insulation	Refer to UKTA-0836-21/0006
Protection against noise	Sound Absorption	
NPD: No Performance Determined/assessed		

EU Regulation 305/2011, as retained in UK law, and as amended by SI no. 465/2019 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2019) and SI no. 1359/2020 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.)

For System 1 AVCP Notified certification body No 0836 Performed, carried out the determination of the product type, the inspection of the manufacturing plant and factory production control and continuous surveillance, assessment and evaluation of the factory production control, and issued the certificate of constancy of performance for reaction to fire, cert No UK 0836-CPR_CPR-22/P

Signed for and on behalf of the manufacturer by:



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Aiveen Kearney
 Managing Director
 Selby, England, UK
 Date signed: 26/09/2023
 Issue Number: 002



For the most up-to-date version of the Declaration of Performance please scan or [click here](#).

To access pre-existing product information or information relating to previously sold/discontinued products please email literature@kingspaninsulation.co.uk