





# INSULATION PRODUCT COMPARISON CHART

Where a thickness adjustment is shown, it is the approximate extra required for our board to achieve a similar like-for-like thermal performance.

Application	FIX-R & TIL-R Insulation	Recticel	Celotex	Xtratherm 'Thin R'	Ecotherm 'Eco'	Quinn 'Quinnterm'	Kingspan 'Kooltherm'	Kingspan 'Therma'	
 <b>Floor</b>	TIL-R Pitched Roofing Insulation Board	Eurothane GP	GA3000*/ GA4000 XR4000 TB3000*/ TB4000 FI5000 (please contact technical services)	XT/HYF, XT/UF	Eco-UFH Eco-Versal	QF/QW	K103 (please contact technical services)	TF70	
 <b>Pitched roof</b>	TIL-R Pitched Roofing Insulation Board	Eurothane GP	GA3000*/ GA4000 XR4000 TB3000*/ TB4000	XT/PR, XT/SK	Eco-Versal	QR/QW	K107 (please contact technical services)	TP10	
 <b>Framed wall</b>	TIL-R Pitched Roofing Insulation Board	Eurothane GP	GA3000*/ GA4000 XR4000 TB3000*/ TB4000	XT/TF	Eco-Versal	QW	K112 (please contact technical services)	TW55	
 <b>Flat Roof</b>	<b>Single ply membrane (mechanical fix)</b>	FIX-R Mechanically Fixed Insulation Board	Eurothane Eurodeck	Crown-Fix	FR/ALU	n/a	QRFR-FFR	n/a	TR26
	<b>Single ply membrane (adhered)</b>	FIX-R Fully Bonded Insulation Board	Powerdeck F	Crown-Bond (+10 to 15mm, dependent upon thickness)	FR/MG	Eco-Torch	QRFR-GFR	n/a	TR27
	<b>Pour &amp; roll/ built-up felt</b>	FIX-R Fully Bonded Insulation Board	Powerdeck F	Crown-Up	FR/MG, FR/BGM	Eco-Torch	QRFR-GFR	n/a	TR27
	<b>Mastic asphalt</b>	FIX-R Fully Bonded Insulation Board	Powerdeck F	Crown-Up	FR/BGM	Eco-Torch	QRFR-GFR	n/a	TR27
	<b>Torch On felt</b>	FIX-R Torch On Insulation Board	Powerdeck U	n/a	FR/BGM	Eco-Torch	QRFR-DPFR	n/a	TR24

The best way to ensure equivalent performance for the COMPLETE build-up is a formal U-value calculation. Alternatives are listed as accurately as possible based on information available on competitor websites. All information is offered in good faith and constructive feedback is welcomed.

\*TIL-R equivalents to the Celotex 3000 range offer higher thermal resistance due to their lower thermal conductivity. Please contact technical services for further information.

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