

Combined perimeter and under-slab insulation values

Table 3. Concrete slab on ground with 30mm edge insulation and selected under slab insulation thickness

Wall stud depth (mm)	ClimaFoam® thickness (mm)	Area/perimeter ratio (Total slab area ÷ the total length of the perimeter)						
		1.3	1.9	2.2	2.5	2.8	3.1	4
		Total construction R-Value (m²K/W)						
90	0	1.08	1.37	1.51	1.64	1.78	1.91	2.29
	30	2.09	2.38	2.52	2.66	2.79	2.93	3.31
	50	2.78	3.07	3.21	3.35	3.48	3.62	4.00
	100*	4.51	4.80	4.94	5.07	5.21	5.34	5.73
140	0	1.17	1.48	1.63	1.78	1.92	2.06	2.47
	30	2.19	2.50	2.65	2.79	2.94	3.08	3.49
	50	2.88	3.19	3.34	3.48	3.63	3.77	4.18
	100*	4.60	4.91	5.06	5.21	5.35	5.49	5.90

* 2 layers of 50mm

* Example

