

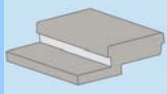
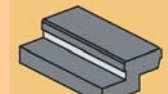
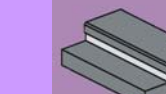


Poly-Plus “u” Values

To determine the ‘u’ value of a floor it is first necessary to calculate the ratio of perimeter over floor area (P/A). From the table below you can then calculate the “u” value.

P/A Ratio	Poly Plus	F/T Flat Top	F/T Extra	F/T Premium	F/T Premium Plus
	W/m ² K	W/m ² K	W/m ² K	W/m ² K	W/m ² K
0.2	0.15	0.14	0.12	0.10	0.07
0.3	0.17	0.15	0.13	0.10	0.08
0.4	0.18	0.16	0.13	0.11	0.08
0.5	0.18	0.16	0.14	0.11	0.08
0.6	0.19	0.16	0.14	0.11	0.08
0.7	0.19	0.17	0.14	0.11	0.08

				
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The average slab ‘u’ value is slightly dependent on the number and type of concrete perimeter blocks within the floor area, use of multiple concrete joists and floor finishes and must be taken into account in any calculation.

The ‘u’ value of the floor required to achieve Code Level 3 is 0.18 W/m²K

The ‘u’ value of the floor required to achieve Code Level 4 is 0.14 Wm²K

The ‘u’ value of the floor required to achieve Code Level 5 is 0.08 Wm²K

(This is subject to confirmation by the Authorities)

The ‘u’ values quoted are for guidance only and should be confirmed with our Technical Department before any orders are placed.