



POLY-PLUS 'U' VALUES

P/A RATIO	POLY-PLUS	F/T FLAT TOP	F/T EXTRA	F/T PREMIUM	F/T PREMIUM PLUS
0.2	0.15	0.14	0.12	0.10	0.07
0.3	0.16	0.15	0.13	0.10	0.08
0.4	0.17	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
P/A RATIO	POLY-PLUS	F/T FLAT TOP	F/T EXTRA	F/T PREMIUM	F/T PREMIUM PLUS

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

To determine the 'u' value of a floor it is first necessary to calculate the ratio of perimeter over floor area (P/A).

The rate of heat loss through a ground floor varies with its size and shape. The thickness of insulation required to meet a given U-value will similarly depend on the size and shape of the floor. Approved Documents L1A, L1B, L2A and L2B guide you to **BS EN ISO 13370** as the method for determining floor U-values based on the floor perimeter and floor area where: "P" is length of exposed perimeter in metres and "A" is floor area in square metres.

The measurement of both the floor area and perimeter should be made on the internal finished surface of the walls enclosing the heated space; unheated areas such as garages, porches and storage spaces need not be included. For buildings such as terraces or blocks of flats and apartments, the measurement should be taken over the total gross ground floor area.