

## House Features Summary chart - For Guideline Use Only

	A1	A2	A3	B1	B2	B3	C1
	0-25 kWh/m <sup>2</sup> /yr	25-50 kWh/m <sup>2</sup> /yr	50-75 kWh/m <sup>2</sup> /yr	75-100 kWh/m <sup>2</sup> /yr	100-125 kWh/m <sup>2</sup> /yr	125-150 kWh/m <sup>2</sup> /yr	150-175 kWh/m <sup>2</sup> /yr
<b>Solid Ground Floor</b>							
U-Value (W/m <sup>2</sup> K)	0.12	0.12	0.16	0.20	0.20	0.22	0.25
Insulation	140mm Rigid Board	140mm Rigid Board	100mm Rigid Board	80mm Rigid Board	80mm Rigid Board	70mm Rigid Board	60mm Rigid Board
<b>Partial Fill Cavity Wall</b>							
U-Value (W/m <sup>2</sup> K)	0.12	0.16	0.20	0.22	0.22	0.25	0.27
Insulation	100mm Rigid Board plus 62.5mm Insulated Plasterboard	80mm Rigid Board plus 42.5mm Insulated Plasterboard	60mm Rigid Board plus 42.5mm Insulated Plasterboard	50mm Rigid Board plus 42.5mm Insulated Plasterboard	50mm Rigid Board plus 42.5mm Insulated Plasterboard	60mm Rigid Board	60mm Rigid Board
<b>Timber Frame Construction</b>							
U-Value (W/m <sup>2</sup> K)	0.12	0.16	0.20	0.22	0.22	0.25	0.27
Insulation	140mm Rigid Board plus 60mm Rigid Board	120mm Rigid Board plus 30mm Rigid Board	140mm Rigid Board	120mm Rigid Board	120mm Rigid Board	80mm Rigid Board	80mm Rigid Board
<b>Cold Pitched Roof</b>							
U-Value (W/m <sup>2</sup> K)	0.12	0.12	0.14	0.16	0.16	0.16	0.20
Insulation	Glasswool Rolls 350mm	Glasswool Rolls 350mm	Glasswool Rolls 300mm	Glasswool Rolls 270mm	Glasswool Rolls 270mm	Glasswool Rolls 270mm	Glasswool Rolls 240mm
<b>Warm Pitched Roof</b>							
U-Value (W/m <sup>2</sup> K)	0.12	0.12	0.14	0.16	0.16	0.16	0.20
Insulation	120mm Rigid Board plus 80mm Rigid Board	120mm Rigid Board plus 80mm Rigid Board	80mm Rigid Board plus 80mm Rigid Board	80mm Rigid Board plus 60mm Rigid Board	80mm Rigid Board plus 60mm Rigid Board	80mm Rigid Board plus 60mm Rigid Board	120mm Rigid Board plus 80mm Rigid Board
<b>Flat Roof</b>							
U-Value (W/m <sup>2</sup> K)	0.12	0.12	0.14	0.14	0.14	0.14	0.16
Insulation	200mm Rigid Board plus 42.5mm Rigid Board	200mm Rigid Board plus 42.5mm Rigid Board	160mm Rigid Board plus 42.5mm Rigid Board	160mm Rigid Board plus 42.5mm Rigid Board	160mm Rigid Board plus 42.5mm Rigid Board	160mm Rigid Board plus 42.5mm Rigid Board	200mm Rigid Board
<b>Other Specification</b>							
Doors & Windows (U Value)	0.80	1.1	1.3	1.5	1.8	2	2.2
Solar Electric (Photovoltaic)	5m <sup>2</sup>	No	No	No	No	No	No
Lighting	100% CFL	100% CFL	100% CFL	100% CFL	100% CFL	100% CFL	Standard
Airtightness (m <sup>3</sup> /hr.m <sup>2</sup> )	2	2	2	5	5	Not Tested	Not Tested
Water Heating	Solar 4m <sup>2</sup>	Solar 4m <sup>2</sup>	Solar 4m <sup>2</sup>	Solar 4m <sup>2</sup>	Boiler	Boiler	Boiler
Boiler Efficiency	91% (Gas)	91% (Gas)	91% (Gas)	91% (Gas)	91% (Gas)	91% (Gas)	80% (Gas)
Ventilation	Heat Recovery	Heat Recovery	Heat Recovery	Vents & Windows	Vents & Windows	Vents & Windows	Vents & Windows

Note : Your professional insulation installers can give full advice on products available and U Values achievable - This table is to be used for indication purposes only