



We detail below the specification:

Heated Areas

We have allowed for the supply and installation of underfloor heating to the following areas:

Ground Floor

Room	Floor Covering	°C	Output(W)	Manifold nr.	Floor (m ²)	Zone regulated
Dining	tiles	21	1388	1	18.2	yes
Family	tiles	21	2824	1	36.6	yes
Utility	tiles	18	500	1	4.5	yes
Study	wood	21	825	1	12.1	yes
Hall	wood	18	1131	1	16	yes
W/C	tiles	18	92	1	1	inc with hall
Reception	wood	21	1552	1	26.5	yes
Total Nett m² floorsurface					115	

First Floor

Room	Floor Covering	°C	Output(W)	Manifold nr.	Floor (m ²)	Zone regulated
Bed 1	carpet	18	1547	1	30.7	yes
Bed 1 En-Suite	tiles	22	609	1	3.1	yes
Bed 2	carpet	18	864	1	18.1	yes
Bed 2 En-Suite	tiles	22	288	1	1.5	yes
Bed 3	carpet	18	635	1	12.5	yes
Bed 3 En-Suite	tiles	22	293	1	2.2	yes
Bed 4	carpet	18	681	1	13.2	yes
Bed 4 En-Suite	tiles	22	290	1	1.9	yes
Landing	carpet	18	597	1	11.7	yes
Total Nett m² floorsurface					95	

Second Floor

Room	Floor Covering	°C	Output(W)	Manifold nr.	Floor (m ²)	Zone regulated
Bed 5	carpet	18	844	1	17.9	yes
Bed 6	carpet	18	735	1	14.9	yes
Landing	carpet	18	200	1	3.8	yes
Bathroom	tiles	22	535	1	5.77	yes
storage/utility	carpet	18	714	1	14.27	yes
Total Nett m² floorsurface					57	

The above areas are the nett areas to receive underfloor heating pipework and exclude areas within heated rooms where fixed unitary is to be sited, i.e. kitchen units, wc's and showers etc.

We have assumed that the thermal resistance value of a ceramic tiled or vinyl floor finish is max. 0.025 m²K/W.

We have assumed that the thermal resistance value of overall an engineered timber floor floor finish is max. 0.115 m²K/W.

We have assumed that the thermal resistance value of a carpet or timber floor finish is max. 0.150 m²K/W.