

Underfloor Heating Design Request Form



Construction drawings available: Window schedule available: Date:

Any Auspex Radiant Design Request Form must be supplied with construction drawings in either a pdf or dwg file. These files must be in an original format with all dimensions clear and shown.

Site address:

Customer name:

Installers Details

Business name:

Contact name: Phone number:

Plumbing license / registration: Email:

Stage 1 – Auspex Radiant Design Requirements

(default 20°C)

Heat source: Property design temperature:

	Area 1	Area 2	Area 3
Construction type:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Nominated areas for heating if vary in construction type: <i>(Indicate areas on floor plan if more than 3 areas, provide additional documentation.)</i>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Installation type:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Slab thickness (in mm): <i>(Minimum 30mm cover for inslab. Minimum 45mm cover for screed and polished concrete.)</i>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Slab insulation value:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Couplings in slab:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Method of pipe fixing:	<input type="text"/>	<input type="text"/>	<input type="text"/>
Thermostat type:	<input type="text"/>	Construction joint: <i>(Please specify on plan)</i>	<input type="text"/>

All heated areas must be shown on a floor plan. If multiple zones are required, please nominate individual zoned areas on floor plan or allocated section under 'Zoned areas for heating'. A Zone is an area that requires the same time and temperature settings, this can be single or multiply rooms.

Heating zones:

	Zone 1	Zone 2	Zone 3
Zoned areas for heating: <i>(If zoned areas are not shown on floor plan, nominate here.)</i>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Additional zoning requirements:

Preferred manifold locations:

(Marked PDF floor plan preferred)

Stage 2 – Building Detail

Heat Losses

(+4°C Default)

Outside Temperature:

Building heat load calculated: *(W/m²)*

Building fabric U values:

	Default	Nominated		Default	Nominated		Default	Nominated
External wall:	0.35	<input type="text"/>	First floor:	0.25	<input type="text"/>	Windows single glazed:	4.80	<input type="text"/>
Internal wall:	1.80	<input type="text"/>	Second floor:	0.25	<input type="text"/>	Windows double glazed:	2.60	<input type="text"/>
Basement floor:	0.25	<input type="text"/>	Roof:	0.24	<input type="text"/>	Sky lights:	2.00	<input type="text"/>
Ground floor:	0.25	<input type="text"/>	Doors:	2.00	<input type="text"/>	Window Covering:	2.00	<input type="text"/>
Ceiling height:	<input type="text"/>							

Underfloor Heating – Floor Details

	Area 1	Area 2	Area 3
Nominated floor areas:	<input type="text"/>	<input type="text"/>	<input type="text"/>

Nominated floor finish: *(m²K/w)*

Pipe under walls: Heating under shower: Heating under bath:

Areas to avoid and notes: