



Please find below a list of questions relating to our thermal comfort assessment for you or your client to answer. These inclusions will be used for our base model assessment. Please note we must pass thermal comfort heating and cooling scores applicable to your climate zone, and may be required to up-spec your recommendations to gain a pass. We will discuss this with you in the event that your project is not passing.

### Wall Construction

**External wall construction(s):** Please include material construction method on plans or below, or make a selection from the following. If there is a mixture of wall types, please mark them clearly on your drawings.

- Brick veneer
- Cavity brick
- Single skin brick
- Typical lightweight weatherboard
- Typical lightweight metal clad
- Concrete block (filled)
- Tilt-up concrete
- Fibre cement clad
- Other: \_\_\_\_\_

If concrete, Hebel or masonry please indicate the thickness: \_\_\_\_\_

If there is more than one skin please indicate the thickness of both and the cavity size: \_\_\_\_\_

Will there be any internal linings? If so please indicate what it will be, and how it will be attached. Eg. Furring channel, direct stick, internal stud, etc. \_\_\_\_\_

**Colour:**     Light     Medium     Dark

We can model this as a default medium if you are not sure at this stage.

**External wall insulation:**     Our recommendation to pass     Product and R value: \_\_\_\_\_

**Intertenancy walls (for townhouses):** If concrete, Hebel or masonry please indicate the thickness: \_\_\_\_\_

**Internal walls within dwellings:**     Plasterboard on stud     Masonry     Other: \_\_\_\_\_

### Floor Construction

**Ground Floor:**     Concrete slab on ground. If so, thickness of slab, or waffle pods: \_\_\_\_\_

Suspended concrete or framed floor. Is the subfloor:     Enclosed

**First floor and above (between levels):**     Concrete     Timber/framed     Other: \_\_\_\_\_

**Floor coverings:** Carpet / Tiles / Timber / Polished concrete / Vinyl? We can model with defaults if you're unsure at this stage

Entry		Kitchen	
Hall		Dining	
Study		Meals	
Lounge		Bathroom	
Family		Laundry	
Bedrooms		Other	



## Roof/Ceiling Construction

Roof type:  Concrete slab  Framed with metal cladding  Frames with tiles  
Ceiling type:  Plasterboard  Exposed concrete  Other: \_\_\_\_\_  
Insulation location:  Top of slab  Slab soffit  Ceiling cavity  
Insulation:  Foil/sarking  Our recommendation  Bulk  Other: \_\_\_\_\_  
Colour :  Light  Medium  Dark

If you have a skillion or flat roof with a limited cavity please provide the dimension of the available insulation zone so that we can specify a suitable product. \_\_\_\_\_

## Lighting

Are you intending to have down lights within an insulate zone?  Yes  No

Unless otherwise advised, we will account for 1 sealed LED light per 2.5m<sup>2</sup> of ceiling area.

## Glazing

Passing thermal comfort targets is often impossible without a high performance glazing such as low-e or double glazing.

- Performance glazing will be nominated only where required, and single clear glazing elsewhere
- Please advise if you have a glazing supplier: \_\_\_\_\_
- Window opening sashes must be displayed on plans
- Restricted openings:  Model worse case  Provide details: \_\_\_\_\_
- Please advise any areas of spandrel/colour back glass. The location and construction will be required.

## Shading

All shading devices must be shown on plans.

Will you be installing external shading devices such as awnings, louvres, screens etc?

Is the shading operable? Do the blades twist/can screens stack to allow winter sun as required?

Neighbouring buildings will be accounted for as per NatHERs and BASIX protocol.