

**THERMAL PERFORMANCE SPECIFICATIONS:**

The following specifications take precedence over other plan notations for the construction of this building.

**NOTE:** In addition to BASIX commitments; building compliance is required to comply with the 'New South Wales Additions' in the NCC 2016 – Volume 1.

This includes New South Wales Part J(A). Specifically:

- Building thermal construction is in accordance with part J1.2
- loss of ceiling insulation is compensated for by increased roof insulation in accordance with Part J1.3(c)
- where metal frames are used that thermal breaks are installed in accordance with Part J1.3(d) and J1.5(c)
- Any roof lights, windows, doors and exhaust fans are sealed in accordance Part J3
- Any new air-conditioning system is installed in accordance with Parts J5.2(a), J5.2(b), J5.2(c), J5.2(d), J5.2(f) & J5.2(g)
- Any new mechanical ventilation system is installed in accordance with Part J5.3
- Any new miscellaneous exhaust system is installed in accordance with Part J5.4
- Any new heated water system is installed in accordance Part J7.2
- Energy monitoring equipment is installed in accordance Part J8.3

**WINDOWS (total product specification – glass + frame)**

U-value 6.70 (or less than) & SHGC 0.70 (+/-10%)

**EXTERNAL WALL (Medium colour)**

Concrete/Plasterboard lined – REFLECTIVE FOIL insulation

**INTERNAL WALL**

Cavity Panel or Concrete – No Insulation

**EXTERNAL FLOOR**

Concrete Slab on Ground – No insulation

Suspended Concrete (above Basement or Open Sub-Floor) – R1.0 Bulk insulation

**EXTERNAL CEILING (to roof or Balconies above)**

Concrete/Plasterboard – R1.3 bulk insulation

**ROOF (Medium colour) (Non-ventilated)**

Sheet Metal Roofing – Reflective Foil insulation

**RATED either with NO DOWNLIGHTS or with LED downlights which do not penetrate ceiling insulation**