

PANEL HOMES™

Panel Homes™ a new and innovative home design and construction concept has just arrived in Bungendore. New to this area after its recent release by "Mates Group" the Master Franchisee for Panel Homes™.

Created by Burke Engineer Services P/L near Maitland NSW, after many years of development. Panel Homes™ is a precast concrete system for residential construction unlike any other in the building industry. The unique construction methodology puts these homes out in front of the old traditional brick veneer buildings.



Handover for this home was on day 40

With 10 days to lockup and 8 weeks turnkey completion the benefits are obvious for builders & owners alike.

Bungendore's first Panel Home™, a 250m², 4 bedroom plus study house was "locked up" in 9 days, with hand over estimated in 8 weeks total.

The benefits and features of a "Panel Home™":

- Energy ratings & acoustic performance up to a 20% 1. improvement over the traditional brick veneer home.
- With high ratings for protection against bushfire (2 hour fire rating for the concrete walls) and earthquake resistance.
- No need for any further white ant protection. With the precast concrete load bearing walls and H2 timber (or steel) frames & trusses the National Construction Code requires no further white ant barrier.
- Factory manufactured precast concrete is very precise. Start straight finish straight. All trades typically comment on the ease of working on these houses.

The Methodolog of a "Panel Home™":

The design eliminates traditional concrete footings that are cast on site. The precast wall panels are erected on precast concrete footing pads

which form part of the structural support of the house.

These walls are installed in about 4-5 hrs, and the truss framing can start the same day.

After the roof truss framing is complete a concrete waffle pod slab is installed (no need for form work as the walls form the slab edge).

Internal partition wall frames are then installed.

As an alternative the roofing can be installed, thus weather-proofing the job. The concrete waffle ground slab is then be poured under cover.

I found huge cash-flow benefits as a builder with my "lockup" progress payments from the client's bank arriving before my accounts from suppliers.

Heading down the "green" track another surprise was at lockup when I only had ONE ute load of rubbish for the tip which included some roof sheeting and roof batten off cuts, and some off cuts of slab reo. Tip fees saved!!!!!!!

Panel Homes™

Custom design Panel Homes™ are available in single level, two storey, duplexes and multi-unit. It is endless as I have had enquiries for an ambulance station with 2 bedroom, conference and accommodation centre, even a take away shop.

The speed of construction and the modern look is definitely what has sparked all the interest.

Panel Homes™ is a franchised building system marketed by "Mates Group" (www.matesgroup.org). They are also a relationship, mental health group who are right now negotiating with national companies to tailor these homes for the affordable housing market.

The cost of a Panel Home™ is comparable to traditional brick veneer construction BUT with many more benefits.

Enquires

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Day 1 Panel Frames are up



Day 4 Waffle slab & trusses



Day 40 The home is complete!

