

24 July, 2007

Tim Renouf
Wren Industries P/L
139 Herald Street
Cheltenham VIC 3192



Dear Tim

My name is Cameron Campbell. My wife and I recently completed a house in Stanthorpe QLD, which used CONCERTINA FOIL BATTS as part of our solar passive design.

We used 90mm timber frame walls with a single layer of FOIL BATTS in the middle of the studs (and single sided reflective wrap on the outside) and sheet cladding. Our roof was a combination of trusses with a flat ceiling and rafters with a raked ceiling. In both cases we used R2.5 polyester batts with a single layer of FOIL BATTS lying directly on top of the bulk insulation. The rafters were 200mm deep which allowed plenty of space to fit the bulk batts and the foil with air space below the battens (which then had a single sided reflective wrap over them).

The house is performing very well and we are both very pleased with the results. Heat loss on cold nights is minimal and the winter sun warms the house very early in the mornings. I've attached a few pictures of the works in progress.

Stanthorpe is on the border between QLD and NSW, virtually due south of Toowoomba. It is located on a plateau with an elevation of around 800-1000m, and as a result almost always records the lowest minimum temperatures in the state of QLD. The temperature ranges between day and night can be really large - a cold winter night might be around minus 10 degrees and the next day would likely be in the high teens. Similarly in summer, night time temperatures are generally below 20 degrees and day time temperatures can be in the low to mid 30's.

Regards,

Cameron
& Anita Campbell
Stanthorpe QLD

