

"Healthy Home" Gold Coast, QLD - NATIONAL and STATE ENERGY AWARDS

22 Francis Street, Mermaid Beach, Gold Coast, Queensland

Press Release: November 23, 2000

The Healthy Home Project has been recognised as Queensland's benchmark energy efficient home by the QMBA, as judged by the Queensland Office of Sustainable Energy, and, as Australia's leading prototype resource efficient house by the MBA nationally, as judged by Environment Australia.

Designed by Dr Richard Hyde from Qld University Dept of Architecture, this two storey house situated in Mermaid Beach on the Gold Coast has light-weight, low-mass design principles and, through Australian Resource Commission (ARC) grant funding, is audited for energy and water use, thermal comfort, life cycle cost analysis, indoor air quality and post occupancy performance.



The Healthy Home is a naturally ventilated house, assisted only by ceiling fans, and has no airconditioning or heating requirements. According to the AGO (Australian Greenhouse Office), it is an excellent example of achieving "Best Practice" in residential building energy efficiency. It is also a perfect case study of a residential building which will comply with the new BCA National Building Energy Efficiency Code, by conforming to the "deemed to satisfy" option known as "performance", as opposed to the alternate "prescription" category option.

AFIA was selected as the insulation consultants to **The Healthy Home** and aluminium foil insulation products were specified and used throughout - two foil products in both the external walls and roofs, namely Concertina FOIL BATTs combined with standard roll foil. Fibrous / bulk insulations were specifically excluded by UnivQld at the design stage of the Project. 50mm building blanket foil was selected by AFIA for use directly under the metal roof specifically for condensation control reasons. During the month of February 2000, the house officially recorded inside temperatures not less than 6-8 deg C cooler than outside.

Details on the two awards are as follows:

Thursday 9 November, 2000
MBA (Master Builders Association)
National Housing & Construction Excellence Awards
The Great Hall, Parliament House, Canberra
* presented by Senator Robert Hill - Minister for Heritage and the Environment

Inaugural Award: Judged by: Commonwealth Office of Environment Australia & MBA(ACT)
Category: **"2000 MBA National Resource Efficiency Award - Housing (Under \$0.5 million)"**

Friday 13 October, 2000
QMBA (Queensland Master Builders Association)
State Housing & Construction Awards
Brisbane Convention Centre
* presented by Jack Taylor, Director, Office of Sustainable Energy, Qld Dept. Mines & Energy.

Inaugural Award: Judged by: Office of Sustainable Energy, QLD
Category: **"2000 QMBA Excellence in Energy Aware Houses for South Queensland"**

Tim Renouf
Secretary AFIA
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