

Did you Know?

CSR Hebel is manufactured at

Somersby in NSW. All of its Hebel Blocks and PowerPanels come from this factory.

Hebel Blocks are a standard 600 x 200 with the following thickness variations:

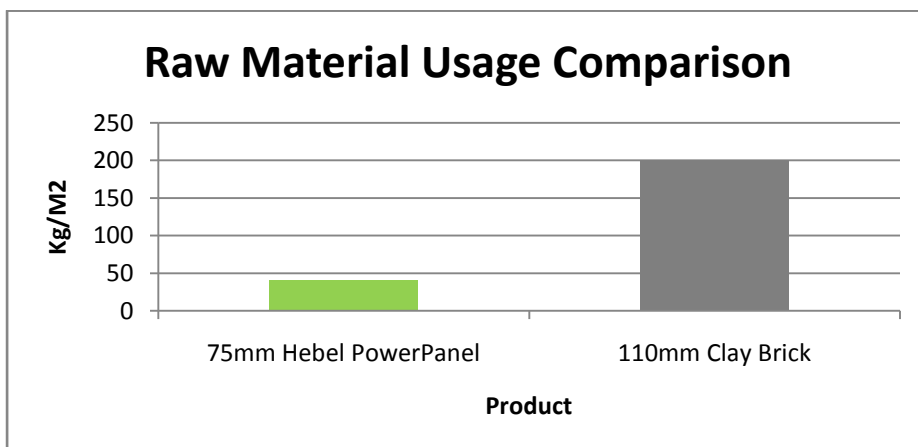
Block Thickness (mm)	50	75	100	125	150	175	200	225	250	275	300
Weight (kg/block)	3.7	5.5	7.4	9.2	11.0	12.9	14.7	16.5	18.4	20.2	22.0

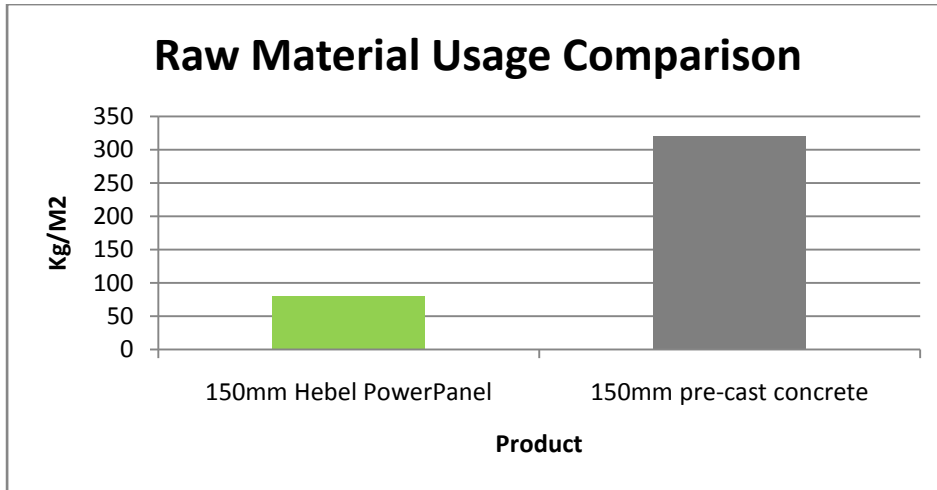
Hebel Panel standard size and weights are:

Powerpanel Height	1200mm	2400mm	2550mm	2700mm	2850mm	3000mm
Thickness	75mm	75mm	75mm	75mm	75mm	75mm
Width		300mm	-----	300mm	-----	300mm
Weight (kg)		34.5		38.80		43.10
Width	600mm	600mm	600mm	600mm	600mm	600mm
Weight (kg)	34.8	69.0	73.3	77.6	81.9	86.2

Did you know of the following environmental and energy benefits of using Hebel ?

- The low bulk density of Hebel AAC means that less than a quarter of the resources and raw materials are used in production than for other masonry products. All raw materials are sourced locally to minimise energy used in transport.



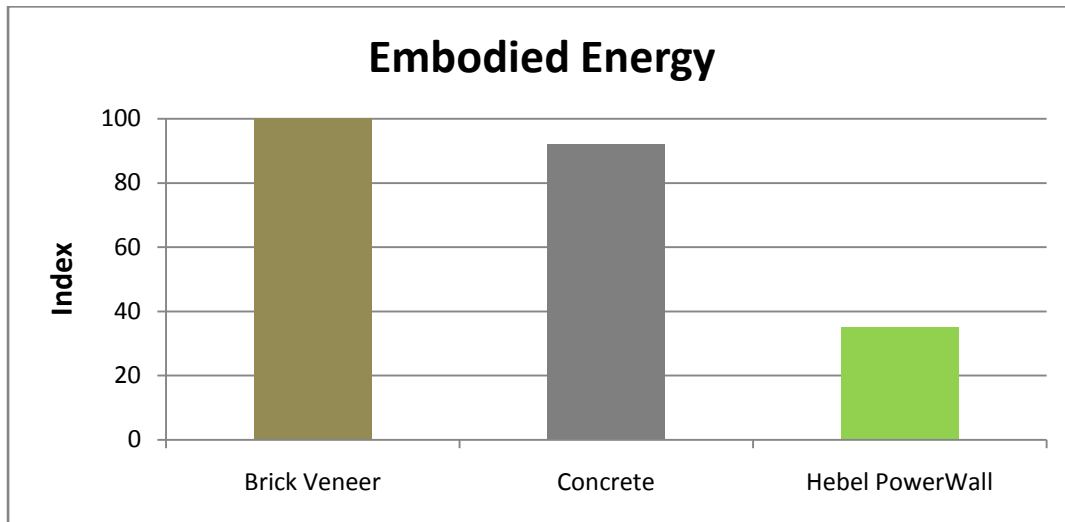


NB: Between 4 and 5 times the m2 of wall can be constructed from Hebel products using the same quantity of raw materials when compared to concrete or conventional clay brick construction.

Embodied Energy

Hebel PowerWall uses over *60% less embodied energy than comparative concrete and brick veneer wall systems.

Embodied energy is the energy used during the entire lifecycle of the product including manufacture, transporting and disposing of the product.



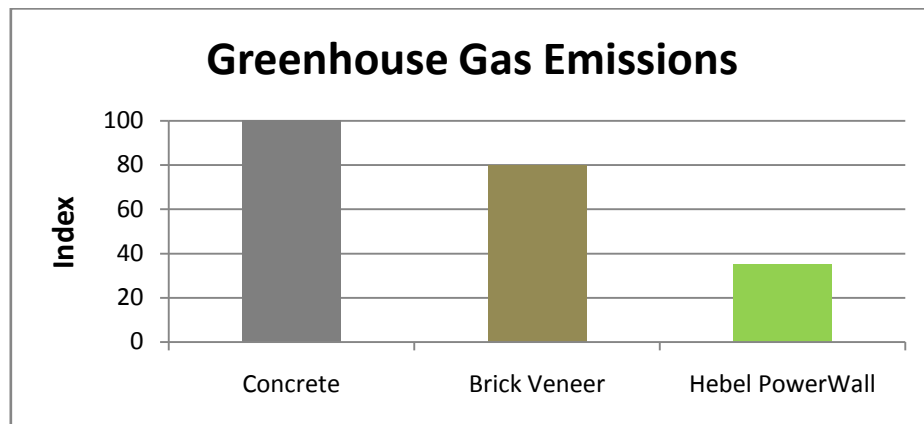
*source LCA Report GECA 2006

CSR Hebel has been awarded the Good Environmental Choice Award Label

CSR Hebel is proud to have been awarded the Good Environmental Choice Australia (GECA) Label for each of its products and systems.

To qualify for the GECA Endorsement, Hebel products and systems were assessed against the GECA 8-2005 Environmentally Innovative Products Standard. The assessment found Hebel products and systems have significantly reduced environment loads, of at least 30% over their life cycle, for the

top three primary environmental impacts and in some cases the benefits were even stronger. In comparison to competitor products on the Australia market which serve the same functional purpose, around 50% less carcinogens were produced as verified by GECA



Energy Efficient

The thermal performance of a building depends on a number of factors such as orientation and size and aspect of windows. The R-Value of walls and floors can significantly affect the energy-rating outcome of dwellings.

- A 75mm Hebel panel has up to 5 times the R-Value of a 100mm house brick#
- A 250mm Hebel Block has 11 times the R-Value of a 100mm house brick

#AIRAH Technical Handbook 2000

This thermal efficiency will reduce the reliance on heating and cooling appliances. The combined effects of running a heater less in winter and fans or air-conditioning less in summer can have a big impact on energy costs and the environment.

Fire Resistance

Hebel provides excellent fire-resistance – achieving a four hour fire rating on many of its systems (the maximum under Australian standards).

Pest Resistance

Hebel is not a food source for termites and when using our single skin solid block walls will not harbour other pests.

OVERVIEW

Hebel provides:

- **Inner Comfort** – Thermal comfort, space efficiency and lower resource consumption.
- **Inner Peace** – Superior acoustic performance, blocking and absorbing sound.
- **Peace of Mind** – Solid concrete feel, steel-reinforced panels, fire and termite resistant.
- **Savings** – Faster construction times, greater energy efficiency, light weight therefore imposing less load.
- **Environmentally Friendly Products** – Autoclaved Aerated Concrete blocks and panel systems require low energy consumption to manufacture, produces little waste, and uses less embodied energy than comparative systems.