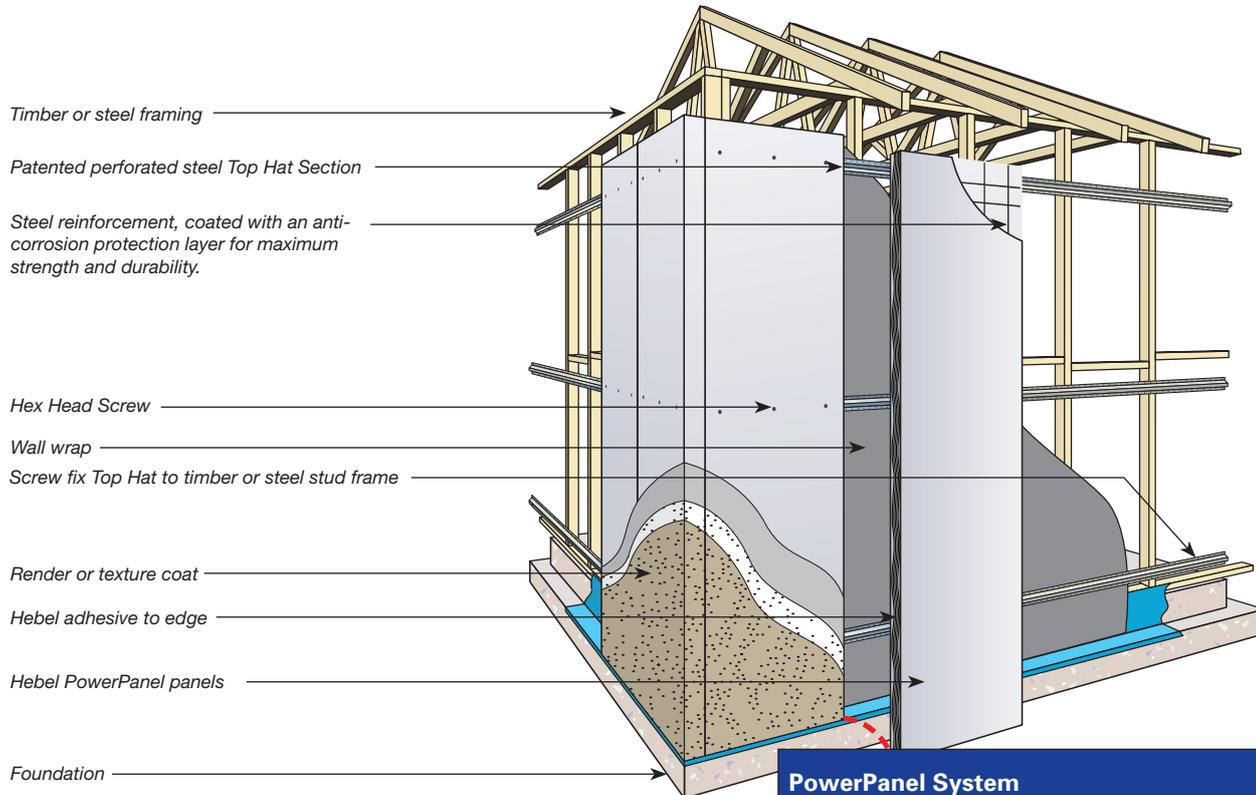


# Cladding external walls with Hebel PowerPanel



## PowerPanel System

Fire	30/30/30 (50mm PowerPanel) 180/180/180 (75mm PowerPanel)
Thermal	R1.83 to R2.69 (50mm PowerPanel) R2.02 to R3.13 (75mm PowerPanel <sup>XL</sup> )
Wall Thickness	165mm to 235mm*

\*Depending on Panel, stud, cavity and Top Hat selection

## The ultimate rendered masonry finish

The Hebel Powerpanel system was developed by CSR in 1995 and has endured the climatic and rugged conditions of Australia and New Zealand.

Hebel PowerPanel is fixed to patented Hebel battens which are attached to the load bearing frame. PowerPanel is available in two forms, the 50mm thick base system (lengths of up to 2550mm x 600mm wide), or in the special PowerPanel<sup>XL</sup> 75mm form (lengths of up to 3000mm x 600mm wide).

- The steel reinforced PowerPanels and elastomeric plaster coating provide a strong, solid and durable cladding making them perfect for the New Zealand climate
- Steel reinforcement is specially coated to prevent corrosion and maximise durability
- Non-combustible with an FRR of 180/180/180 for 75mm PowerPanel<sup>XL</sup> and 30/30/30 for 50mm PowerPanel
- Outstanding thermal and acoustic insulation qualities increase levels of comfort and save on energy heating and cooling costs
- Boasts desired environmental imperatives.

### Benefits of constructing with PowerPanel

- Fastest most efficient way to install Hebel (2 people can install up to 150m<sup>2</sup> within 3 days depending on site conditions)
- No colour restrictions (no minimum LRV) allowing full colour range choice
- High gains in insulation when compared with most other cladding systems (up to 31% better than a brick veneer clad wall when using PowerPanel<sup>XL</sup>)

# PowerPanel

## A fast, solid, efficient way to build



### A beautifully rendered surface with clean architectural lines

You'll love the rendered finish, clean architectural lines and design flexibility of Hebel. With Hebel you'll enjoy the extra comfort of a home that's better to live in and a sustainable choice compared to bricks.

The attractive street appeal of clean lines and the contemporary rendered finish of Hebel, with your choice of colours and textured finishes, make for a stylish and refreshing alternative to the look of traditional brick.



Hebel panels contain anti-corrosion protected steel reinforcement for maximum strength and durability, and are available in a range of sizes.



#### QUALITY AND SPEED

Hebel wall panels are faster to construct and require significantly less labour compared to traditional external cladding construction techniques leading to substantial cost saving. Building with Hebel means less mess on-site, a cleaner, safer work area during construction and less clean-up at completion of building.



#### STRONG AND SOLID

Hebel panels are high-performance products containing steel reinforcement with an anti-corrosion layer for maximum strength and durability.



#### NOISE REDUCTION

Hebel provides significantly reduced sound transmission and noise penetration from external sources. Requirements from home owners for enhanced privacy in their day-to-day living make Hebel the ideal building material for modern homes.



#### ENERGY EFFICIENT

Hebel's unique properties provide superior insulation qualities. The unique combination of thermal resistance along with low mass, make building with Hebel a smart choice when considering building efficiency. It can help save on energy costs.



#### FIRE RESISTANT

Hebel is non-combustible and renowned for its highly fire resistant properties and achieves an FRR (Fire Resistance Rating) of 180 minutes\* (tested at CSIRO).

\*Note: Fire Resistance Ratings were achieved with the overall PowerPanel<sup>®</sup> cladding system.



#### ECO-FRIENDLY

Independent testing shows that overall, Hebel has a 30% lower environmental impact than concrete or brick veneer. Hebel panels use 60% less embodied energy and produces 55% less greenhouse emissions compared to concrete or brick veneer, making it a more sustainable, environmentally friendly choice of building material.



#### PROVEN

CSR Hebel is the only manufacturer of AAC in Australia. With over 25 years of experience in developing, testing and producing AAC you can be assured you're getting high quality products and systems and unmatched technical expertise with Hebel.

For sales enquiries or further information, please telephone us on:  
**0800 4 HEBEL (0800 443 235)**  
[www.hebel.co.nz](http://www.hebel.co.nz)



**hebel**<sup>®</sup>  
The better way to build

