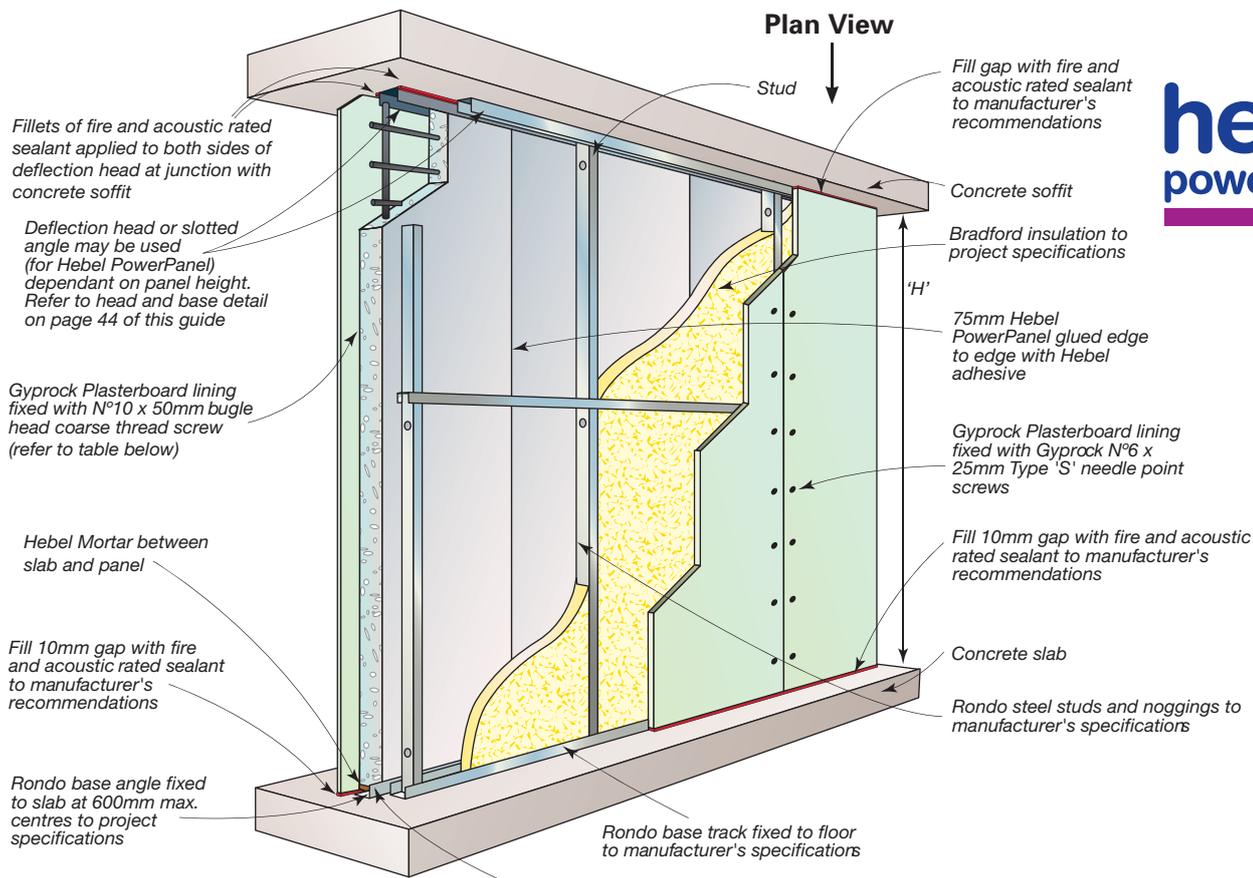


Building High Rise Internal Walls with Hebel PowerPanel

Hebel PowerPanel can be used for Intertency Walls, Common Walls, Service Shaft Walls, Plenum Walls, Boundry Walls



Fix Hebel PowerPanel to base angle with 1 x 14mm-10 x 65mm hex head Type 17 screw 50mm from each corner

Example shown:

High Rise PowerPanel Intertency/Common Wall - Option 1, recommended for narrowest wall width to provide maximum floor space with concealed services on one side. Hebel has multiple system solutions for Intertency and Common walls. Please refer to High Rise Intertency Design Guide - available at www.hebelaustralia.com.au

PowerPanel System	
Acoustic Rw + Ctr	52 - 53
Fire	-/120/120 - -/180/180
Wall Thickness	185mm - 200mm

Benefits of using Hebel PowerPanel for Internal Walls

- Hebel provides solid, secure, steel-reinforced walls compared to plasterboard
- Boasts strong acoustic values for added privacy and sound insulation
- Faster construction method versus other masonry systems
- Quality product maintains performance integrity over time
- Made and supported by CSR building products
- Simple service installation with design integration of adjoining walls
- Wet weather tolerant (no mould) for storage and building process
- High levels of sustainability and 'green' credentials
- Non-combustible with an FRL up to - /180/180
- Less wastage and off-cuts on site significantly reduces site waste management costs

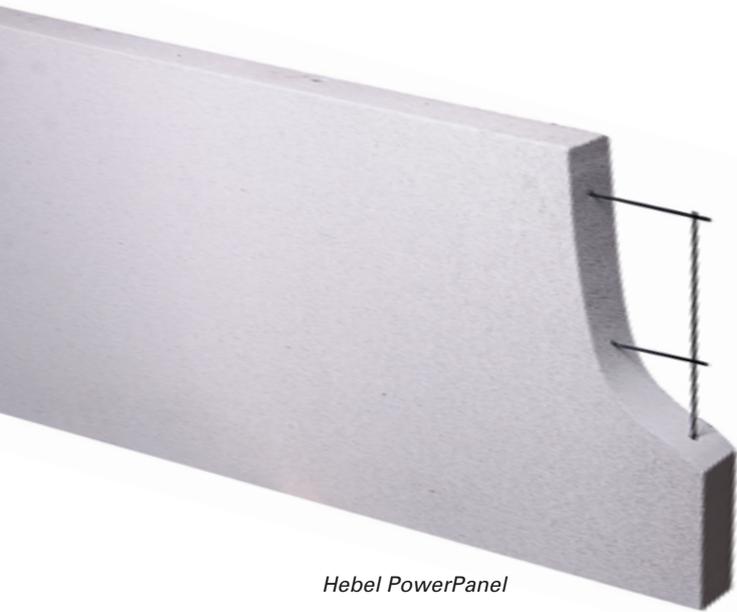
Better buildings are constructed with Hebel

Hebel PowerPanel:

- **A high-performance lightweight concrete panel system.**
- **Proven, scientifically tested and trusted by leading builders.**
- **Australian made and backed by CSR**

What is Hebel?

Hebel is high performance lightweight aerated concrete manufactured from sand, cement, recycled material, lime, gypsum and aerating agents.



Hebel PowerPanel

Build with confidence and peace-of-mind



The unique attributes that make Hebel such an innovative, sustainable and proven building product are perfectly summarised by the following qualities:



Fastest masonry wall system

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



Lightweight yet solid and tough as masonry

Lightweight Hebel PowerPanels ensure lighter loads on structures compared to traditional bricks and pre-cast concrete panels. This can lead to substantial savings in supportive concrete structure in multi-storey units.



Highly fire resistant for peace of mind and added security

Hebel is non-combustible and renowned for its highly fire resistant properties and achieves a FRL (Fire Resistance Levels) from 90 minutes through to 240 minutes* (tested at CSIRO).

**Note: Fire Resistance Levels were achieved with the overall PowerPanel system.*



A sound reason for better acoustic qualities

Hebel pioneered the introduction of lightweight wall panels providing acoustic performance levels at or above $R_w + c_{tr} = 50$ in high rise multi-residential buildings.



A comforting thought for a comfortable living environment

Hebel's unique AAC construction provides superior insulation qualities for a masonry product. The unique combination of thermal resistance along with thermal mass, make building with Hebel a smart choice for meeting Australia's increasing energy efficiency regulations.



Sustainability for a better world in the long term starts today

Hebel delivers a diverse number of environmental benefits over brick and concrete. Hebel uses 61% and 64% less embodied energy and 64% and 55% less greenhouse gas emissions than the comparative products, concrete and brick veneer respectively.

For further information or to speak with a Hebel expert call:

1300 369 448

www.hebelaustralia.com.au



The better way to build