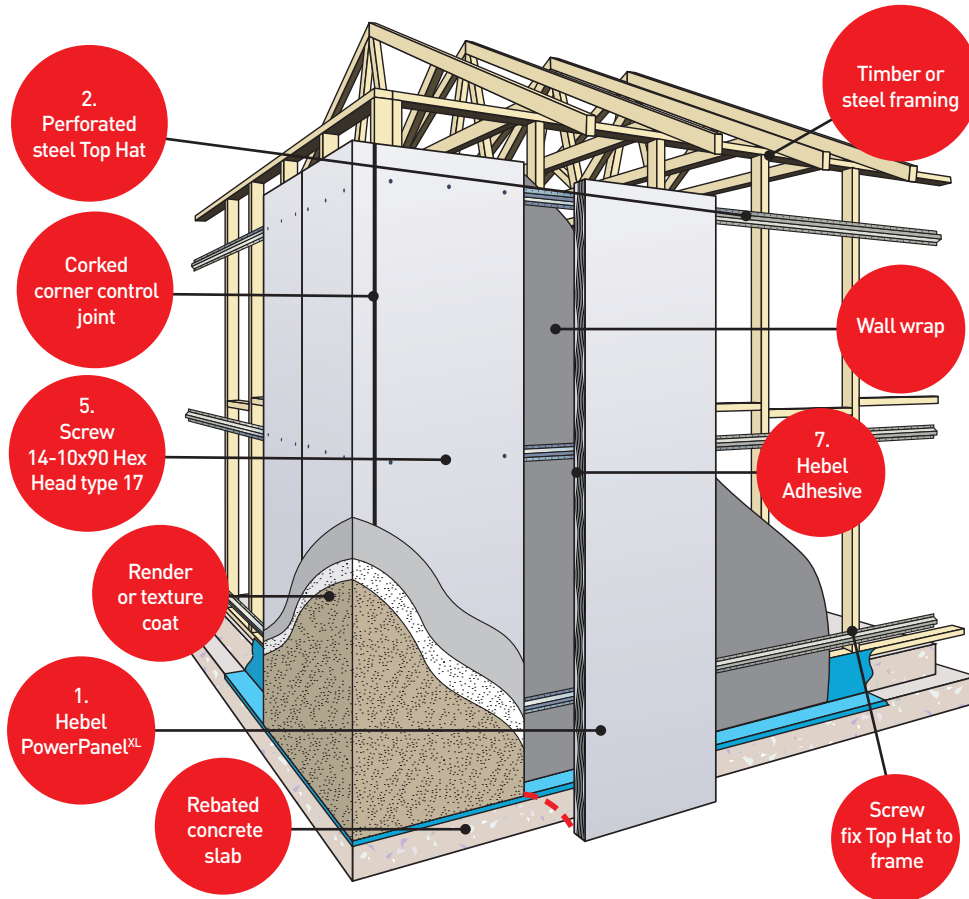


POWERPANEL^{XL}

FOR FAST SOLID WALLS WITH A RENDERED FINISH AND OUTSTANDING THERMAL AND FIRE RESISTANCE.



Hebel PowerPanel^{XL} has been developed and tested for low rise residential external and zero boundary wall systems, which are warranted by CSR Hebel.



- STRONG AND SOLID
- QUALITY AND SPEED
- ENERGY EFFICIENT
- ECO-FRIENDLY
- NOISE REDUCTION
- FIRE RESISTANT
- PROVEN

POWERPANEL^{XL} EXTERNAL WALL SYSTEM

The PowerPanel^{XL} system consists of 75mm thick, steel-reinforced AAC panels, vertically secured to the structural frame via horizontal perforated top hat sections. The wall is then rendered with a recommended coating system – providing a faster way of constructing external facades for residential builds.

- **Fire rating:** Up to 180/180/180 when subjected to an external fire source
- **Acoustic:** $R_w + C_{tr}$ 35 to 39 based on a 210mm wall system thickness
- **Thermal:** R1.61 to R3.57
- **Common Wall Thickness:** 199mm, based on 90mm stud + 10mm plasterboard + 24mm top hat + 75mm PowerPanel^{XL}
With variations in stud thickness and top hats, wall widths can vary between 179mm to 210mm.

POWERPANEL^{XL} STANDARD PANEL SIZES

75mm thick x 600mm wide x 2400mm, 2550mm, 2700mm, 2800mm, 2850mm, 3000mm and 3300mm long.

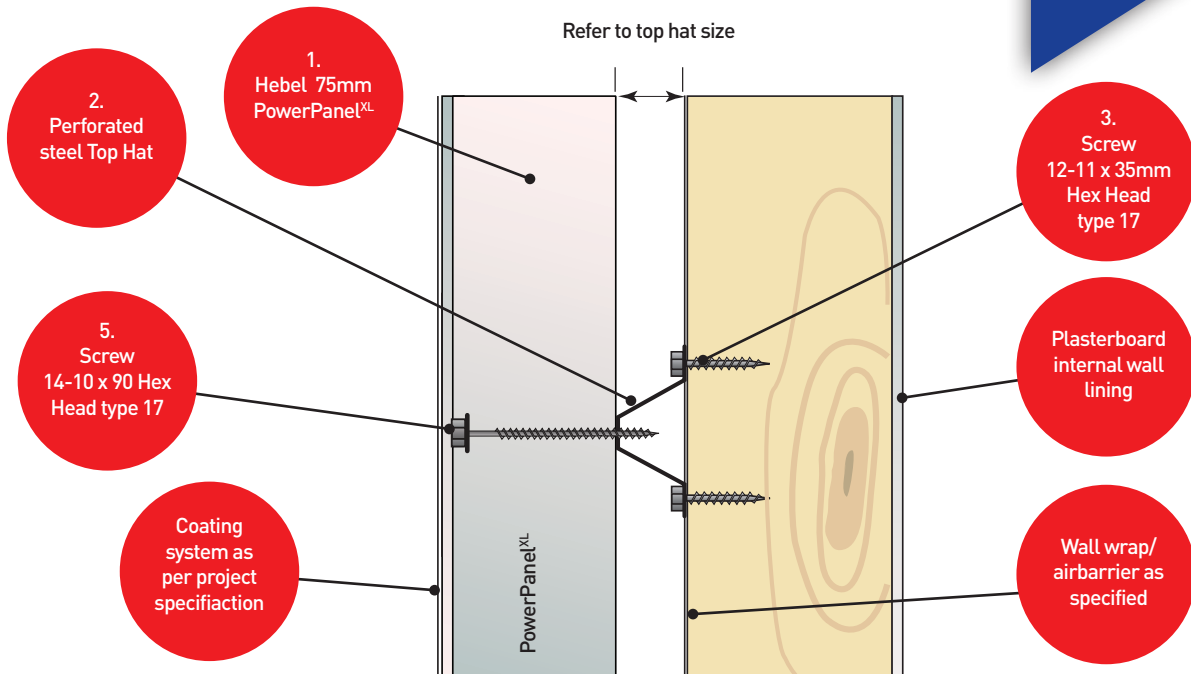
EXTERNAL WALLS - HOUSES & LOW RISE MULTI RESIDENTIAL

- delivers quality solid walls finished with a flexible coating system
- excellent thermal performance – PowerPanel^{XL} has almost 3 times more thermal resistance than a standard brick
- fast to construct - one standard Hebel panel is the equivalent of 75 traditional bricks, which means an average sized home can go up as quickly as within 3 days when installed by experienced Hebel installers
- good acoustic performance
- patterns can be machined or routed into the panels to produce an individual, attractive finish
- system meets or exceeds all six Bushfire Attack Level (BAL) categories

POWERPANEL^{XL} EXTERNAL CLADDING



FOR FAST SOLID WALLS WITH A RENDERED FINISH AND OUTSTANDING THERMAL AND FIRE RESISTANCE.



| ITEM | DESCRIPTION | LOCATION |
|------|--|--|
| 1 | Hebel 75mm PowerPanel ^{XL} | Entire wall |
| 2 | Perforated Top Hat 24mm x 4.8m x 0.42mm BMT or 35mm x 4.8mm x 0.42mm BMT | Attaching PowerPanel ^{XL} to frame |
| 3 | Screws to fix Top Hat to timber stud Screw 12-11 x 35mm Hex Head type 17 | Fix Top Hat to timber frame |
| 4 | Screws to fix Top Hat to steel stud Screw 10-16 x 16mm Hex Head Teks, self drilling | Fix Top Hat to steel frame |
| 5 | Screws to fix PowerPanel ^{XL} to Top Hat Screw 14-10 x 90mm Hex Head type 17 | Fix PowerPanel ^{XL} to Top Hat |
| 6 | Hebel Anti-Corrosion Paint 500ml | Used on exposed reo |
| 7 | Hebel Adhesive 20kg bag | Used on all panel joints (except control joints) |



PowerPanel^{XL}

2400mm
2550mm
2700mm
2800mm
2850mm
3000mm
3300mm

2

Perforated Top Hat
24mm x 4.8m x 0.42mm BMT
35mm x 4.8mm x 0.42mm BMT



3



Screw 12-11 x 35mm
Hex Head type 17 (timber)

3



Screw 10 -16 x 16mm
Hex Head Teks self drilling (steel)

5



Screw 14-10 x 90mm
Hex Head type 17

6

Hebel Anti-Corrosion
Paint 500ml



7

Hebel Adhesive
20kg bag



For more information contact 1300 369 448 www.hebel.com.au

