

## Ritek® XL Wall® System – Specification Sheet

**The Ritek® XL Wall System, are faster to erect than traditional brickwork. Saving days per floor on construction costs and market exposure.**

The system can be used for all internal and external walls. Ritek® XL Wall® System are highly durable and the sanded finish exceeds the strength of conventional plaster board to speed project completion.

Our in-house drafting team custom specify the panels to ensure the Ritek® XL Wall® is delivered to your site pre-fabricated, and ready to install. Electrical and gas services can be cast in. Windows and fire doorframes can be pre-installed.

Panels are stood in place, both vertical and horizontal reinforcement is placed as required and the wall completed by core filling the panels with structural concrete.

A network of installer teams in conjunction with our onsite project coordinators enables efficient construction, with minimal down-time. The result is a straight and true, durable wall, which maximises floor space.

Suitable for use in single residential, multi-story residential and commercial buildings as load bearing/structural walls up to 25 stories or higher in non-load-bearing capacities.



## Ritek® XL Wall® System – Specification Sheet

Ritek® XL Wall® System Specification			
XL Wall Panel Thickness	Concrete Core	Surface Density (Core Filled)	Typical Panel Weight
115mm	103mm	> 220 kg/m <sup>2</sup>	20 kg/m <sup>2</sup>
135mm	123mm	> 220 kg/m <sup>2</sup>	21 kg/m <sup>2</sup>
150mm	138mm	> 220 kg/m <sup>2</sup>	23 kg/m <sup>2</sup>
165mm	153mm	> 220 kg/m <sup>2</sup>	24 kg/m <sup>2</sup>
200mm	188mm	> 220 kg/m <sup>2</sup>	26 kg/m <sup>2</sup>
265mm	253mm	> 220 kg/m <sup>2</sup>	28 kg/m <sup>2</sup>
<b>Panel Components</b> 6mm Fibre Cement Sheeting bonded to a Patented Composite Aluminium and ABS Stud. All aluminium components and accessories are protected by chromate coating.			
<b>Internal Finish</b> Set joints and apply a standard paint finish (Level 4)			
<b>External Finish</b> Set joints and apply a standard texture coating system finish			
<b>Horizontal steel reinforcing bars</b> can be placed at 175 and 350 centres in accordance with the maximum centre to centre spacing of AS 3600-2009			

Panels can be custom specified to increase thermal and acoustic properties. Refer to the Ritek® XL Wall® System Design and Detailing Manual for further information and fire ratings.

### Meets the requirements:

- AS3600:2009 - Concrete structures
- AS3610:1995 - Formwork for structures
- AS 1530.4:2005 - Fire tests on building materials
- BCA 2011:Vol1 & Vol2 – Building Code of Australia

The Ritek® XL Wall® System has been fully verified and is listed on ecospecifier.org the leading global source of sustainable development and life-cycle assessed green product information.

