

CASE STUDY | 03/12

The Wesley Hospital East Wing – Brisbane



USG Australasia

Category: High Performance
Walling Systems

Product: Powerscape Fiberock®
Aqua Tough™



The new East Wing Building is a 9 storey, state-of-the-art hospital extension, comprising single and double bed wards, rehabilitation areas, gymnasiums, day surgery, health & medical research centre plus an administration centre.

The Wesley Hospital East Wing – Brisbane

Project

Boulderstone Hornibrook were the main contractors and the Superior Walls & Ceilings contract of \$7.5 million included all metal framed walls & partitions, suspended ceilings including feature ceilings and large areas of external sheeting.

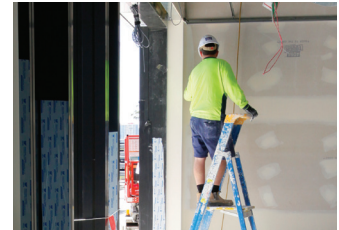


USG Powerscape Fiberock® Aqua Tough™

With increased resistance to indentation and penetration, Powerscape Fiberock® Aqua Tough™ interior panels outperform speciality plasterboard and fibre cement panels. They are suitable for use on walls, ceilings, and exterior dry soffit applications, offering abuse-, moisture-, mould-, and fire-resistance.

These high-performance panels derive both strength and water resistance from their uniform composition. As a result, they won't lose their strength when cut. And they are ideal for wet areas, because their panel surface will not delaminate when wet. They provide a smooth, paintable surface that

can also be finished with ceramic tile. One type of panel can be used for an entire room, simplifying design and installation, shortening job schedules and lowering in-place costs. They are made from 95% recycled materials, an environmentally friendly option for use in sustainable building construction.



Why Powerscape Fiberock®

USG Powerscape Fiberock® was chosen as the primary wall lining material for this eight storey extension due to its performance benefits and outstanding solidity, resistance to fire and impact as well as its excellent resistance to sound transmission. Being a medical environment, it is also important that the product used for walls resists toxic mould formation and is free from carcinogenic crystalline silica dust risk. The benefits to this project were maximized because it was used in both wet and dry areas thus simplifying design, estimating, site inventory management and installation.

