

# STRATHFIELD PRIVATE HOSPITAL

Everton Road, Strathfield, NSW  
Sector: Health / Civil  
Contract Period: 4 Weeks

Remtech were successfully awarded the contract to undertake the Carbon Fibre Reinforced Polymer (CFRP) strengthening of the basement car park columns.

Strathfield Private Hospital is one of Australia's most renowned cardiac care centres and a \$9.0m renovation completed in 2014 makes Strathfield Private the most technologically advanced private hospital in Australia – for a hospital under 100 beds.

As part of the refurbishment works, additional levels were being constructed above the existing car park area. The increased loading this created required the existing basement columns to have further strengthening works. These works ensured structural adequacy and compliance to allow completion of the multi-million dollar refurbishment.

The strengthening design was undertaken by OPUS Consultants.

## SCOPE OF WORKS

Remedial Technologies Australia's scope of works entailed the following:

- Site establishment
- Preparation of column surfaces
- Supply and application of Sika (Australia) CFRP Wrap to columns
- Testing and certification
- Site clean
- Site demobilisation

In addition to the CFRP Strengthened columns, Remtech were asked to undertake a reinforced concrete strengthening solution to one of the column capitals which was completed as part of the same phase.

Logistically, the car park remained open and accessible throughout the works, with the disruption to existing operations kept to a minimum.

