



## Dandenong Hospital Mental Health

A \$69 million redevelopment of the Dandenong Hospital to provide state-of-the-art facilities resulting in an increase in inpatient beds from 38 to 120. Kane Constructions was awarded the lump sum contract in 2010 with the project to be delivered in two stages.

Stage 1, which was completed in mid-2011 includes the acute adult mental health section whilst Stage 2 was completed in 2012. The project was constructed at the busy Dandenong Hospital adjacent to the new \$25 million Emergency Department completed by Kane in 2010.

Works were carefully planned and coordinated to ensure minimal disruption to hospital operations. The new building comprises a large footprint of over 7000m<sup>2</sup>. Approximately 25% of the footprint comprises a second level.

A key feature of the design is the extensive use of blackbutt timber for the facade. Other elements include:

- Materials that provide visual and tactile experiences for patients with an emphasis on warmth and nature
- A Blackbutt timber cladding that is highly durable, low maintenance and has a low embodied energy
- An emphasis on energy efficiency including double glazing, integral window sun shading, thermal massing to better control room temperatures, in slab hot water and chilled water heating and harvesting and reuse of rainwater for cistern flushing and garden watering

The project is a first of its kind in Australia with regard to the new 'Model of Care' which includes 100% single rooms with ensuite, co-located clinical streams, bedroom clustering within a stream, outdoor and activity areas to encourage social interaction and supervision and observation without unnecessary intervention flexibility for sharing spaces.

Previous projects completed for Southern Health include the Monash Cancer Centre Radiotherapy Bunkers (\$10 million), the Cardinia Casey Community Health Service (\$15 million), the Monash Medical Centre Emergency Department (\$15 million) and the Casey Hospital Special Care Nursery.

Kane Constructions Pty Ltd  
[kane.com.au](http://kane.com.au)

### Client

Southern Health

### Consultants

Coffey Projects

Bates Smart

Whitefield McQueen Irwin Also

### Location

Victoria

### Value

\$69M

### Awards

2014 Australian Institute of Architects, National  
National Award for Public Architecture

2014 Australian Institute of Architects, Victorian  
Chapter Public Architecture New