

XXXXX St, West Ryde



A Life Cycle Assessment has been carried out on the proposed design, calculating the carbon emissions due to materials' manufacture, materials' transport, building construction, building maintenance and building operations. The boundary of the assessment includes the building foundations, floors, walls, roof, internal finish, external finish, services and basic fittings. The results measured against a benchmark are summarized below:

Building Embodied Carbon
291 kgCO₂e per year per occupant. Saving of 65%

Building Operational Carbon
1,624 kgCO₂e per year per occupant. Saving of 46%

Total Building
1,915 kgCO₂e per year per occupant. Saving of 50%



Assessed by

Handwritten signature of Richard Haynes in blue ink.

Richard Haynes

Certified on 08 March 2013 by

Handwritten signature of Henrique Mendonca in black ink.

Henrique Mendonca

The Ratings Explained:

- Bronze Medal: 0 – 30% Carbon equivalent greenhouse gas emissions (CO₂e) saving against the applicable benchmark
- Silver Medal: 30 – 60% CO₂e saving
- Gold Medal: 60 – 90% CO₂e saving
- Platinum Medal: More than 90% CO₂e saving. Gold must be achieved in all categories for an overall Platinum rating.

Life Cycle Assessment

