

Case Study

Chadstone Shopping Centre

Fresh Food Precinct

Chadstone – The Fashion Capital is indisputably the retail mecca of Australia and houses an astonishing 440 stores, from exclusive boutiques to mainstream retailers. Originally renowned for its fashion assortment, Chadstone has expanded its stylish repertoire to include a new food and lifestyle precinct, enabling its citizens to now eat and live fashionably too.



Chadstone Place

This new development boasts a much coveted 5-star rating by the Green Building Council of Australia, one of the few retail projects to do so in Australia. It's now home to 30 gourmet retailers including high profile epicurean icons Simon Johnson; Jones the Grocer and Oriental Tea House as well as a handful of innovative home wares stores. Chadstone has also welcomed the inclusion of large anchors Woolworths, Alde, Pets at home and 1st Choice Liquor to name a few. In addition to this unique retail offering, a further 9,300m² of commercial space has been built allied with 1,000 more car parks bringing the total to an unprecedented 9,000 – more than another shopping centre in Australia.

Green Star – Water

Chadstone has achieved a 86% reduction in potable water usage through:

- Rainwater harvesting
 - 300kL tank connected to 8,000sqm of catchment
 - Rainwater used for irrigation and toilet flushing
 - Estimated potable water saving of 18kL pa
- Fire Service Testing Water
 - 80kL tank (combined tank with rainwater)
 - Fire test water used for irrigation and toilet flushing
 - Estimated potable water saving of 430kL pa
- Water efficient fixture and inline flow restrictors
- Air cooled mechanical services

For more information

Chris Greenallchris_greenall@cfspm.com.au
 Telephone 03 9563 3355
 Language Assistance Telephone 131 450

Green Star – Energy

- A 64% reduction has also been achieved in greenhouse gas emissions through
 - Building Services
 - Mechanical Services
 - Electrical services
 - Hydraulics

Green Star – Results

- First 5 star Green Star shopping centre design (pilot)
- Estimated additional construction cost \$2.6M
- Estimated water saving \$36,000 pa
- Estimated energy savings \$170,000 pa



300kL
rainwater
harvesting
tank

Green Building Council of Australia

Launched in 2002, the GBCA is national, not-for-profit organisation that is committed to developing a sustainable property industry for Australia by encouraging the adoption of green building practices.

For further information on the program please visit www.gbca.org.au