

200 GEORGE

Setting a benchmark for sustainability

SUSTAINABILITY

Mirvac believes that our future depends on us all acting in a sustainable way and thinking creatively about how we impact our environment and our communities.

This ethos has been lived throughout every aspect of the EY Centre at 200 George Street's design, construction and delivery. As a result of this commitment and the ingenuity of Arup who Mirvac entrusted with the ESD strategy, the building is one of Australia's most environmentally advanced and sustainable buildings. Its innovative design and technology actively promotes the health and wellbeing of its occupants and contributes to the enrichment of the wider Sydney community.

For EY Centre, 200 George Street, Mirvac has achieved:

- › A 6 Star Green Star Office Design v3 certified rating
- › A 6 Star Green Star Office As Built v3 certified rating
- › Mirvac is also targeting:
- › A 5 star NABERS Energy rating
- › A 4 star NABERS Water rating

EY Centre, 200 George is Australia's first fully LED lit building, resulting in reduced power consumption costs, efficient lighting, lower maintenance cycles and a reduction of landfill. Other features include water recycling, the latest building energy and water efficient designs, intelligent monitoring and control systems.

The building also features end-of-trip facilities, which encourages environmentally sustainable commuter options with 307 bicycle spaces, 257 lockers and 65 showers.

The building's world-first closed cavity façade and timber blind system has proven highly effective at controlling the light and heat radiating from outside. As a result the high performing façade reduces the need for a large energy plant and engineers significant cost and energy savings on heating and cooling the building.

The thermal performance of the closed cavity system allows the building owners to reduce mechanical equipment capacity, resulting in reduced initial and long-term maintenance costs.

QUICK FACTS

- › One of Australia's most environmentally advanced and sustainable buildings
- › High performance closed cavity façade and building system controls heat and light reducing energy required to heat and cool the building
- › Australia's first fully LED lit buildings
- › End of trip facilities, including 307 bicycle spaces, 257 lockers and 65 showers
- › ESD consultants: Arup