

One Shelley Street

One Shelley Street, Sydney

6 Star Green Star – Office Design v2 and 6 Star Green Star – Office As Built v2

Characterised by its innovative and striking façade design, One Shelley Street is an 'A Grade' commercial icon of Sydney. Achieving 6 Star Green Star – Office Design v2 and Office As Built v2 certification in 2008 and 2011 respectively, One Shelley Street incorporates nine levels of premium office accommodation, rooftop terrace and ground level retail space.

Project Details

Green Star project applicant:	W9&10 Stage 4B Pty Ltd (parent Brookfield Multiplex Limited)	
Owner/s:	Brookfield Office Properties	
Architect/s:	fitzpatrick + partners	
Main contractor:	Brookfield Multiplex	
Major tenant/s:	Macquarie Group	
Net lettable area:	33,000 square metres	

Building Features

- Unique external 'diagrid' structure supports concrete floor plates and provides shading. The curtain wall facade consists of dark blue glazing and dot frit pattern glass in order to minimise solar heat gain and maximise natural light penetration.
- One Shelley Street achieved credit points for innovation in the Green Star certification process for:
 1. Implementation of a passive chilled beam system with heat rejection – a new approach combining a passive chilled beam system (which was a relatively new system for large scale projects) with the advantage of harbour heat rejection.
 2. Undertaking a study with anchor tenant Macquarie Group in order to better understand the relationships between green buildings, indoor environmental quality, occupant perception, satisfaction and productivity.
- Grey and blackwater recycling.
- Achieving a 100 per cent increase to outside air provision over the Australian Standard.
- Water efficient fittings and fixtures and sub-metering.