

Health, wellbeing and environmental features at Westpac Barangaroo

Westpac Group's fit-out in Tower Two of Barangaroo's International Towers Sydney has achieved a 6 Star Green Star Interiors Pilot rating from the Green Building Council of Australia (GBCA). The project received the highest number of Green Star points achieved by any office fit-out in Australia¹.

The following notable design features have been incorporated into the design of the Barangaroo office space, resulting in the building being a leader in environmental performance.



Environmental features:

- Outside air rates are designed to be 100% greater than the AS1688.2:2002 standard
- Low emission printers installed to reduce indoor air pollutants
- The Predicted Mean Vote (PMV) levels are between -0.5 and +0.5 ensuring optimal thermal comfort
- All lights are flicker free and lighting levels are no greater than levels in AS1680.2.4
- Providing acoustic comfort by having internal noise levels in accordance with Table 1 of AS/NZS 2107:2000, reverberation below levels in Table 1 of AS/NZS 2107:2000 and speech privacy for meeting rooms of 45Rw. In addition a best practice adjustable sound masking system ensures speech privacy to all open plan areas
- Reduced internal pollutants through the specification of low volatile organic compound paints, carpets, adhesives and sealants, low formaldehyde engineered wood products and internal planting which improves internal air quality

¹ As at December 2017

- Equipment and appliances have been selected based on their energy consumption performance, including:
 - All light fittings are either LED or fluorescent fittings
 - Time clock and occupancy sensor lighting and PE cells along perimeter of the floor plates
 - Automatic switching of the peripheral, meeting room and commercial kitchen equipment
 - A chilled beam system has been selected due to its low energy consumption
 - Gas water heating systems have been used for all tea points and commercial kitchens
- An extensive metering system has been installed for all major energy and water uses to monitor and usage
- All fittings within the fitout (taps, WCs, showers) have been selected due to their high WELS rating (min 4 star). In addition all water supplied by the base building WCs and landscaped areas is 100% recycled
- All flooring, assembled items (including ceilings, walls, joinery) and furniture have been selected based on their product environmental certification standard. 85% of furniture, 90% of flooring and 91% of assemblies achieve either Level A, B or C certification
- 95% of all PVC is either best practice PVC, recycled or reused
- 95% of all timber is either reused, recycled or Chain of Custody Certified virgin timber



Health and wellbeing features:

- Providing an agile work environment, by designing different work settings throughout the fitout, each providing a variation in thermal and lighting levels as well as being designed for active or reflective activities. Employees have a daily choice of the type of the environment they want to work in that supports their work requirements
- Over 95% of work settings have access to internal or external views. Internal views include internal planting features, while external views means work settings are located within 8m of a façade window
- Providing 8,531sqm (or 14% of NLA) of exceptional employee amenities, including two internal cafes, an outdoor terrace space with BBQ facilities, a wellness centre with yoga and pilates rooms as well as consultation rooms, concierge, library, faith rooms and parent rooms
- Providing a meeting room with video conferencing (VC) facilities on each level, as well as providing personal VC capable laptops and equipment to all employees, helping reduce the need for travel and associated emissions
- All furniture has been reviewed and approved by a Human Factors and Ergonomics Society of Australia certified professional ergonomist
- Providing dedicated cyclist facilities including 30 showers, 300 lockers and 400 bicycle racks, as well as access to additional shared facilities, including 10 showers and 100 lockers. This helps reduce transport emissions of employees and increase physical wellbeing
- The site is located in close proximity to public transport options including bus, train and ferry stops
- The site achieves 91 points in the www.walkscore.com calculator, due to its close proximity to amenities such as shops, gyms, banks, childcare, schools etc.



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Recognised as the world's most sustainable bank for the 10th time in the 2017 Dow Jones Sustainability Index, a number of our properties have been awarded the 6 Star Green Star rating. This includes Bank of Melbourne's flagship branch at 525 Collins Street, the St. George branch at Barangaroo, and the Westpac branch at 150 Collins Street Melbourne.

With our Barangaroo office space, we took the opportunity to deliver a best in class fit-out for a new site and we continue looking for opportunities to deliver environmental and social outcomes across our locations.