

The Bond - External Venetian Blinds



Australia's first 5-star Green Building

The Bond (property developer Bovis Lend Lease's headquarters), located at 30 Hickson Road is setting the benchmark in environmentally responsible design.

With greater concern for the state of the environment, Bovis recognised that in order to be the market leader in property development they needed to adopt the notion of ecological sustainability into the design of The Bond.

This focus produced a building that has become one of the most sophisticated green offices in Australia and is the first in the nation to achieve a five-star Australian Building Greenhouse Rating.

Not wanting to compromise on the stunning views of Sydney Harbour, the entire western façade was made from glass. However, this gave birth to a problem - how to control the heat and glare of the afternoon sun, whilst reducing the reliance of air-conditioning systems in order to keep with the eco-friendly objective. The solution came about in the form of 400 of Horiso External Venetian Blinds and an additional 50 of Horiso's Internal Roller Blinds, supplied and installed by Horiso.

Practical Technology'

Coupled with a solar-controlled system, Horiso External Venetian Blinds operate with the movement of the sun, offering the practicality of an automated system as well as maximum protection from the sun's rays. In the morning, the blinds open to allow the maximum amount of natural light into the building, and while the day progresses and the heat increases, the blinds close incrementally in line with these factors to reduce heat and glare. The Horiso External Venetian Blinds provide

additional flexibility by allowing the occupants to adjust the tilt of the blinds to suit their needs with localised computer-controlled systems. Furthermore, the blinds add an aesthetic appeal to The Bond - the self-adjusting venetians almost make the building come alive, giving it a different appearance throughout various stages of the day.

Implementing this Horiso shading system has resulted in an enormous reduction in energy consumption. Compared to the standard office space, The Bond produces 30% less carbon dioxide emissions.

Aside from contributing to the energy efficiency of The Bond, the Horiso External Venetian Blinds are extremely durable. Made from aluminium, the blades are flexible, yet have been engineered to resist winds of up to 77kph, making them suitable to stand up to Sydney's harsh westerly winds.

Accompanying wind sensors in the shading control system allow the blinds to completely withdraw in the event of strong winds.

For further information email info@horiso.com or phone (61 2) 8755 45000 [horiso®](http://horiso.com)

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