

CASE STUDY

LOCATION:

Green Square, Sydney Australia

ARCHITECT:

Stewart Hollenstein / Builder: John Holland

WINDOW COVERINGS:

SilverScreen Roller Blinds by Verosol

- Screen type: SilverScreen 202 Performance
- Sector: Public Library
- Certification: 5 Star Green Star

GREEN SQUARE LIBRARY & PLAZA

THE BUILDING

Green Square Library - 3000 sq m of naturally-lit space. This 5 Star Green Star Building was designed by Architect Stewart Hollenstein and constructed by Builder John Holland for their client, the City of Sydney. With most of the development below ground level, the Glazed Tower and Pavilion are the landmark features of the development.

THE REQUIREMENT

The challenge with the extensive use of glass lay in making the buildings useable, not just visually appealing in the urban landscape. These glass constructions required multiple layers of heat and light control. Technologies including triple glazing, chilled beam cooling systems, intelligent ventilation and Verosol's SilverScreen roller blind fabrics were employed to make the public space user friendly. The result, 5 Star Green Star Public Building Certification.

THE SOLUTION

In the Greensquare Library development, Motorised SilverScreen 202 Performance roller blinds cut 85% of the heat and 97% of the glare. SilverScreen makes commercial spaces useable in a way that is unequalled by any other roller blind fabric. SilverScreen quite literally allows people to use spaces that would otherwise be impossibly hot and bright on sunny days. Furthermore, the integration of clever control technologies means the SilverScreen blinds are raised and lowered with automated precision.

What makes SilverScreen unique is its metal backing. The use of nano technology allows Verosol to produce a solar control fabric with a reflective metal backing. SilverScreen fabric is proven worldwide and unparalleled for performance, quality and appearance.