



Case Study

Harold, Middle Park Vic

ARCHITECT: Coy Yiontis **BUILDER:** CBD Contracting Group
SUPPLIER: Shade Factor **PRODUCTS:** Custom ADI motorised bi-fold screens



Background

Situated on the edge of a heritage precinct in Middle Park Vic, “Harold” is a stunning home given new life by a recent skyward extension and reconfiguration. Its dark exterior raises its status within the streetscape, presenting a dynamic facade composed of anodised aluminium panels, selected for their resistance to corrosion in a coastal setting, and integrated operable screens.

Designed by local architecture firm Coy Yiontis and constructed by CBD Contracting Group, this reinvigorated rendition of the existing three-storey building takes in spectacular views while giving greater autonomy to the family that lives there.

Challenge

Coy Yiontis were tasked with reimagining an existing home to suit the changing circumstances of the owner’s grown-up family. The revised building form needed to maximise the elevation and exposure on the small site without compromising privacy or flexibility.

“The challenge from our client was to expand and reconfigure the available space and if possible, push to a third floor to capture views of the city skyline and the sea,” explains George Yiontis, Director at Coy Yiontis Architect.

The architects needed a way to screen the extensive northern glazing of the third-floor bedroom yet preserve the panoramic city views. At the same time, the architects needed to be conscious of the home’s coastal setting and ensure the appropriate building materials and finishes were incorporated into their final design.

Solution

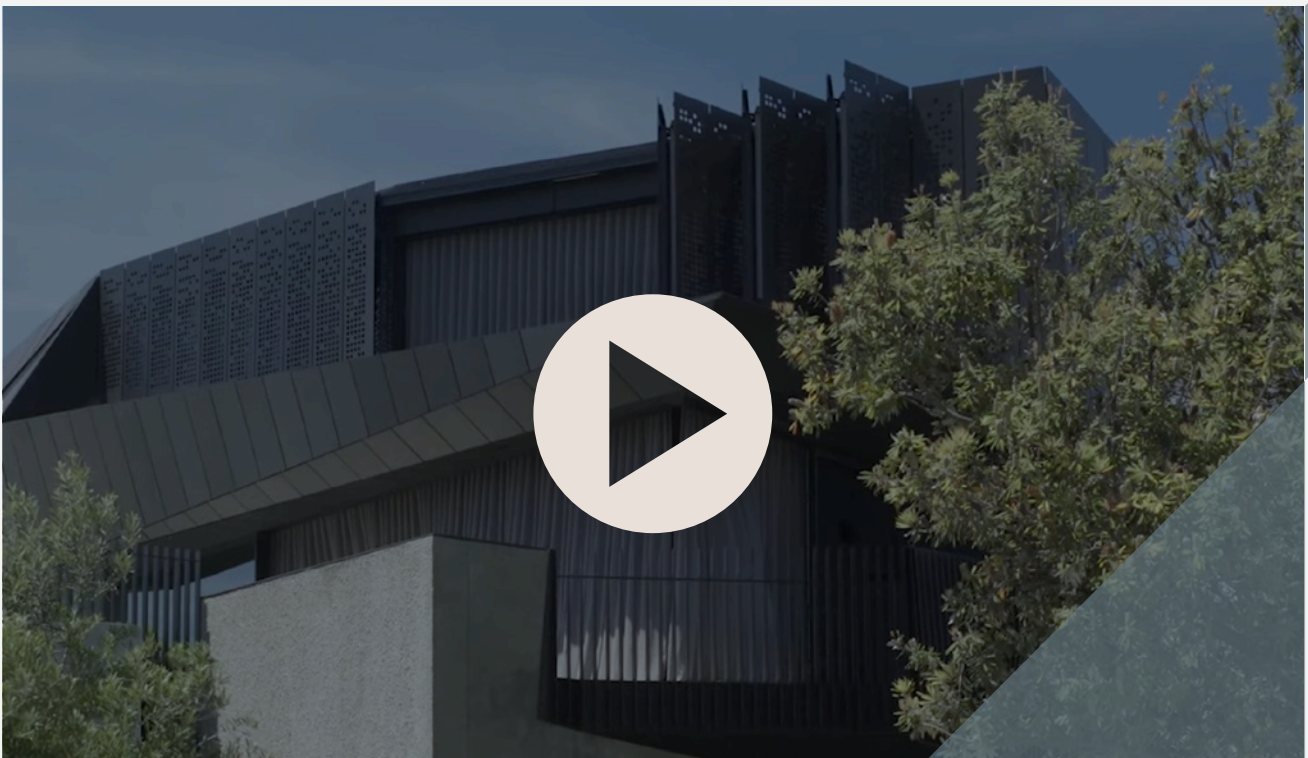
The design solution involved utilising perforated cladding panels that could screen the bedroom from direct sunlight yet could also be completely folded away to increase visibility to the outside. As a leader in custom shading solutions, Shade Factor proved to be the right partner for the job.

“Having worked with Shade Factor on a previous custom project, we called upon their technical expertise during the design development process to come up with an operable screen concept,” noted Yiontis. “Exploring a number of configurations, both functional and aesthetic, manual and motorised, we finally, in close collaboration with the builder and structural engineers on site, alighted upon the motorised bi-fold system that was eventually installed.”

The proposed solution was a custom operable hinged facade with perforated aluminium sheets fixed to the bi-fold screen framing. Shade Factor, who work closely with Advanced Design Innovation (ADI), supplied and installed the custom frames and controls. The lower edge of the bi-fold screens slope so each panel has a unique size and shape.

The operable screen gives the homeowners flexibility, providing access to stunning outside views when the panels are open and privacy when the panels are closed. The custom asymmetric bi-fold screen was designed to ensure the panel cladding was consistent with the building cladding, delivering an identical visual appearance for both the fixed cladding elements and the operable bi-fold.

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WATCH VIDEO: bit.ly/HaroldwithShadeFactor

Victoria

Boonwurrung Country
6 Plane Tree Avenue
Dingley Village VIC 3172
03 9558 3006

New South Wales

Kuring-gai Country
7A Green Street
Brookvale NSW 2100
02 9938 3006

sales@shadefactor.com.au

Shade**Factor**

shadefactor.com.au