

Motorised Vertical Bi-Fold Screens

ADI

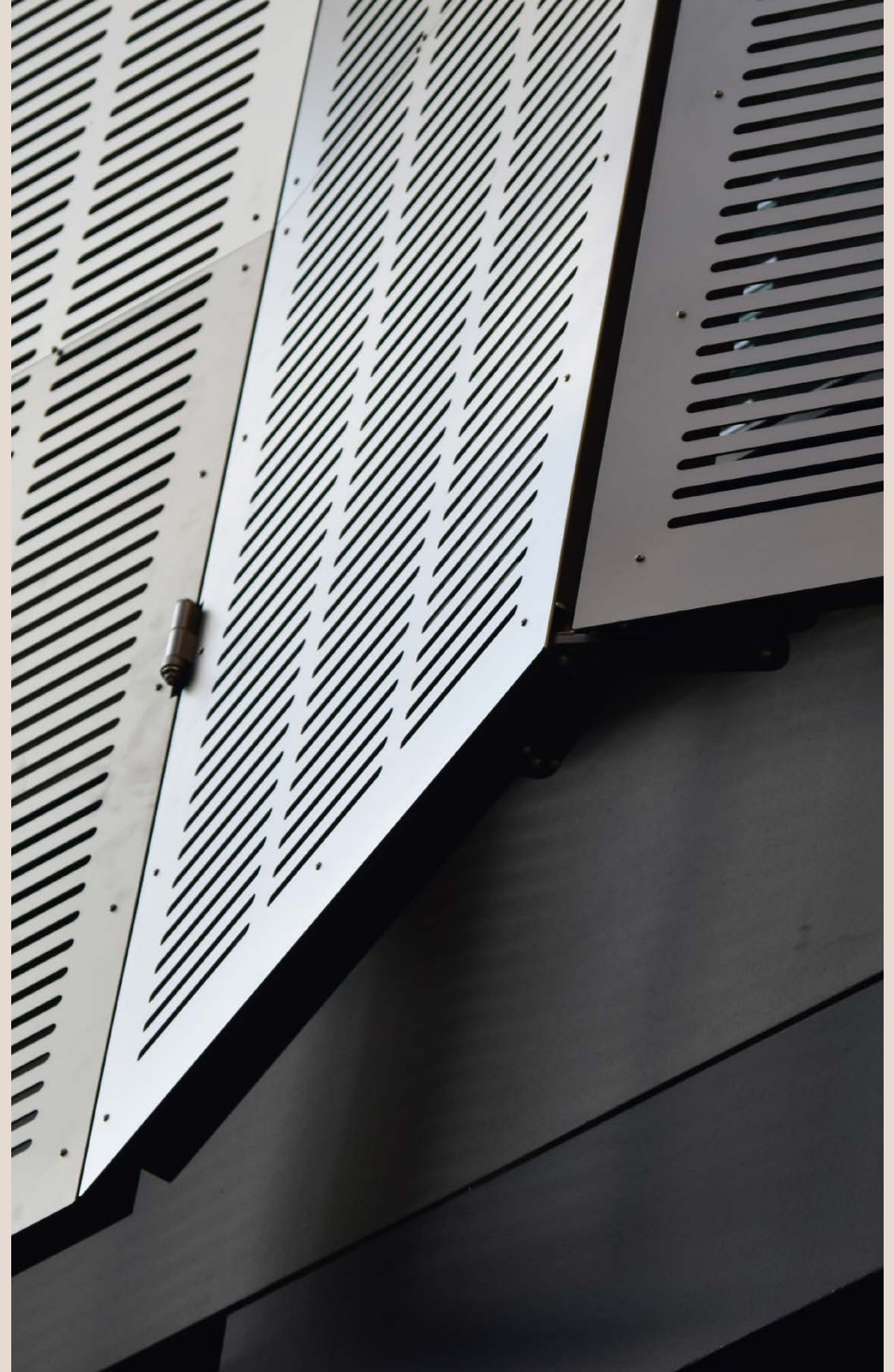
ShadeFactor





Shade Factor's motorised vertical bi-fold screens are a no-compromise sunshading solution for façades, balcony edges and other architectural elements on high-quality residential or commercial buildings.

Operable façades.





Shade Factor is a leading Australian specialist in custom made, high-performance shading products for residential and commercial buildings. Since 1998, we've delivered comprehensive solutions for architects and homeowners through precision manufacturing, rigorously engineered products and client-centred service. From every angle, Shade Factor is about enhancing spaces and improving wellbeing.

From every angle.

We have a strong partnership with Advanced Design Innovations (ADI), a trusted engineering and product design manufacturer. This patent pending screening system has technology which has been meticulously engineered, developed and thoroughly tested. All bi-fold screens are custom made and fabricated in Australia then installed by our specialist team. We are proud to be able to exclusively offer these truly innovative screens.

Australia's exclusive
ADI screen distributor.

Two unique differences inherent in our motorised bi-fold screens are the quiet operating mechanism and slim frame profiles. Designed into the mechanism is an innovative anti-rattle technology which eliminates chattering of the screens when stationary or in motion. Numerous flexible screen options are available to either complement or match architectural façades.

Innovative Design.



Available in sets of 1, 2, 4 and 6 panels and able to stack and fold to the center or ends, our motorised bi-folds can be fitted with a wide variety of cladding options including paneling, perforated screens or timber batons.

Stylish Versatility.

















Motorised Vertical Bi-Fold Screens

Features and Benefits

- Precision engineered and highly durable with marine environment components
- Patent pending design with unique anti-rattle technology for quiet and smooth operation
- Up to 13,800mm maximum width for 12 standard panels
- Standard wind load up to 1,000Pa (180km/h)
- Custom made to project requirements, including options for higher wind loads, custom shapes and larger sizes available on request

Dimensions

Number of Panels	 Min Width	 Max Width	 Min Height	 Max Height
1 	550	1,150*	1,000	4,000
2 	1,100	2,300*	1,000	4,000
4 	2,200	4,600*	1,000	4,000
6 	3,300	6,900*	1,000	4,000

*Maximum width per panel can vary depending on wind load, cladding and maximum height

Product Details

Drive	Linear actuators
Control	Momentary wall switch (PLC control)
Frame Colour	Standard powder-coated in Dulux Duralloy colours. Additional powder-coat colours available on request.
Cladding	Customisable with a large selection of options available. Material with thickness of 0-12mm, 13-35mm or 36-65mm. Maximum weight is 8kg/m ²



Panel Configurations

1 Panel:



2 Panels:



3 Panels:



4 Panels:



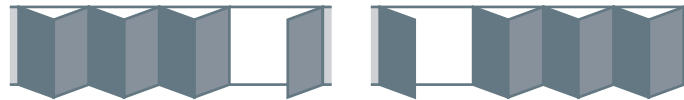
5 Panels:



6 Panels:



7 Panels:



8 Panels:



10 Panels:



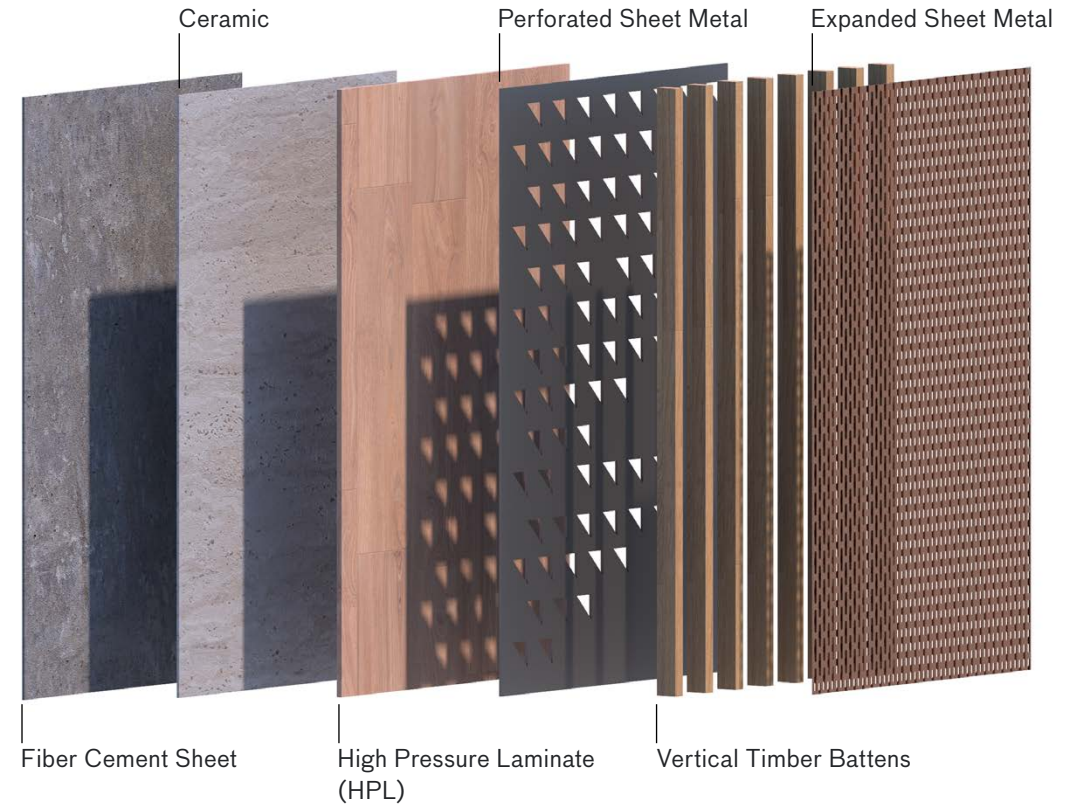
12 Panels:



Cladding and Finishing Options

Seamlessly integrate the motorised vertical bi-fold screens with your building's facade. Here is some inspiration on possible cladding options. Maximum weight per panel is 8kg/m². Cladding can be supplied by us or finished by your builder.

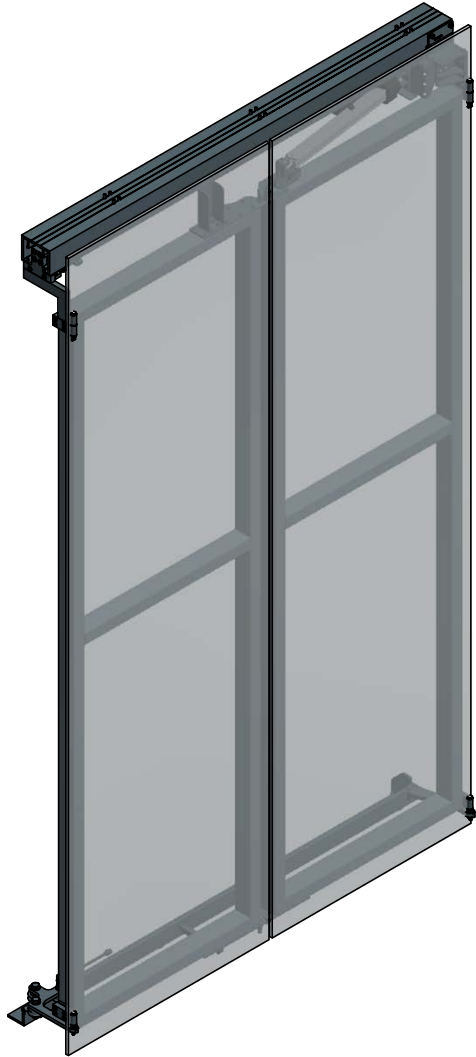
With a myriad of finishes available, speak with our expert team about your project requirements.



*Suitable cladding material subject to weight. Maximum weight per panel is 8kg/m².

2 Panel Bi-Folds with 12mm Cladding and Left Hand Hinge

Closed



Open



2 Panel Bi-Folds with 35mm Cladding and Left Hand Hinge

Closed



Open



2 Panel Bi-Folds with 65mm Cladding and Left Hand Hinge

Closed



Open

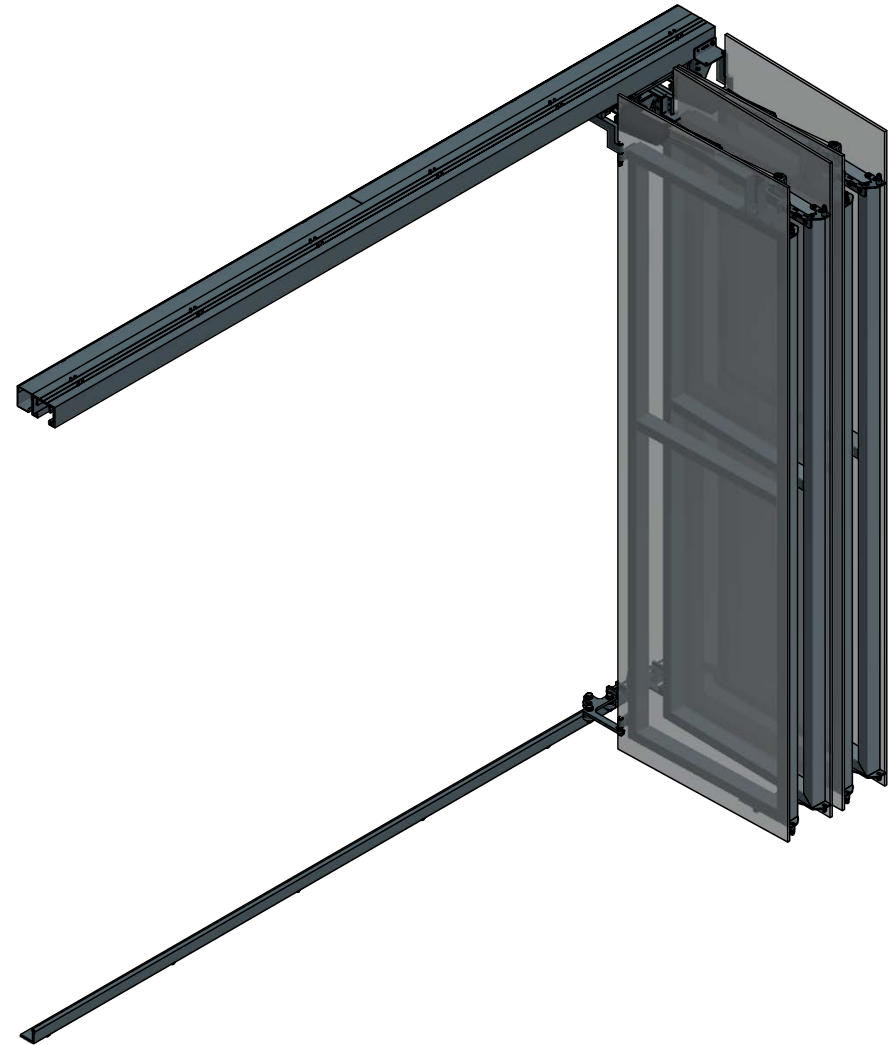


4 Panel Bi-Folds with 12mm Cladding and Left Hand Hinge

Closed



Open



4 Panel Bi-Folds with 35mm Cladding and Left Hand Hinge

Closed



Open



4 Panel Bi-Folds with 65mm Cladding and Left Hand Hinge

Closed



Open

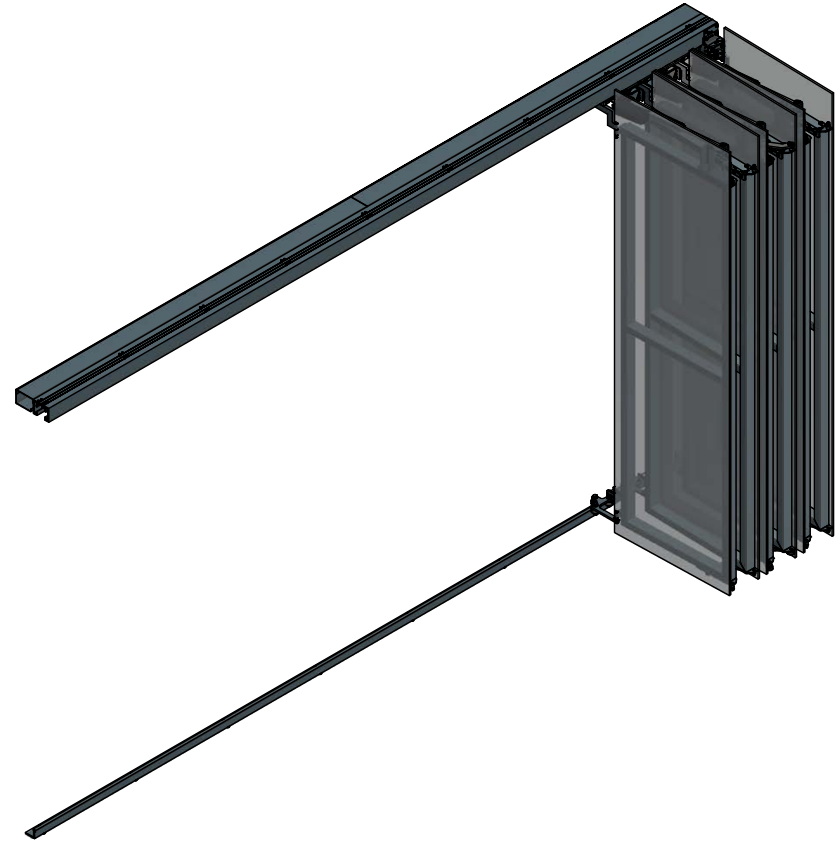


6 Panel Bi-Folds with 12mm Cladding and Left Hand Hinge

Closed



Open



6 Panel Bi-Folds with 35mm Cladding and Left Hand Hinge

Closed



Open



6 Panel Bi-Folds with 65mm Cladding and Left Hand Hinge

Closed



Open





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