

# Architectural Joinery



A JELD-WEN Company

# Airlite Highlander Cedar Range

The Airlite Highlander Cedar range is the ultimate window and door offering. Hand crafted to enhance the natural beauty, warmth and strength unique to cedar, this range is simply visually striking. The wider and thicker cedar components will redefine your windows and doors. This hard wearing softwood is truly the finishing touch to any architectural style.



## Window Range



### Awning Windows

With appropriate glazing you can achieve superior weather proofing and sound insulation.

Max height:	2400mm
Max sash width:	1200mm
Max sash weight:	73.5kg



### Casement Windows

Maximising and controlling the airflow in the home environment.

Max height:	2400mm
Max sash width:	1200mm
Max sash weight:	75kg



### Fixed Windows

Creating extra light while maximising the view.

Max height:	2400mm
Max sash width:	1200mm

## Door Range



### Sliding Doors

Incorporates a top hung roller system engineered to offer effortless operation all year round.

Max height:	2400mm
Max panel width:	2100mm
Max panel weight:	120kg



### Hinged Doors

Superior strength and stability with years of trouble free operation.

Max height:	2400mm
Max panel width:	1200mm
Max panel weight:	75kg



### Bi-fold Doors

Open up your home and let the inside environment outside.

Max height:	2400mm
Max panel width:	1000mm
Max panel weight:	75kg

Insect screens not available for bi-fold doors.

# Airlite Architectural Aluminium Range

The Airlite Architectural Aluminium range of windows and doors is our premium range of aluminium products. This product range is elegantly and intelligently designed to not only withstand all temperature extremes but to complement and enhance the look of your home.



## Window Range



### Range includes:

- Awning • Double hung
- Casement • Fixed • Bi-fold

Max height:	1600mm*
Max width:	1140mm*

\*Max height and width shown for a single lite awning window, for information regarding size limitation for double hung, casement and bi-fold window range please consult an Airlite sales representative.

What makes the Airlite range of Architectural windows so robust and visually striking is the incorporation of a high performance thick external window framing system.

## Door Range



### 889 Sliding Doors

Our high performance commercial grade product with advanced locking system.

Max height:	2700mm
Max width:	6500mm (6 lite)
Max panel width:	1500mm
Max panel weight:	100kg



### Artisan Bi-fold Doors

The ultimate solution for bringing the outside to any interior environment.

Max height:	3000mm
Max width:	8000mm (8 lite)
Max panel width:	1000mm
Max panel weight:	75kg

# Airlite Highlander Cedar Range

## Features

- 55mm thick sash profile.
- Able to support up to 25mm IGU.

## Options

- A range of glazing options from 6mm to 25mm.
  - Insulating glass unit or single glazed unit.
- Cedar can be supplied:
  - Raw, ready to be stained or varnished.
  - Pre-primed, ready for painting.
- Traditional and contemporary style hardware available.
- Integrated insect screen.\*\*  
\*\*Insect screens not available for bi-fold doors.

## Benefits

- Enhanced thermal insulation due to thicker cedar sash profile.
- Will not warp or twist in almost any climatic conditions.
- Its fine grain structure minimises shrinkage and swelling, which prolongs the life of surface finishes.
- Built-in natural preservatives provides resistance to borers, termites, rot and fungus growth.
- Natural colour variation is cedar's distinguishing feature, ranging from honey beige to deep reds and browns.
- Cedar can be re-finished to meet changing needs.

## Performance

All Airlite Highlander Cedar windows and doors are manufactured to comply with Australian Standards for windows and doors. This includes AS 2047-1999: Windows in buildings – selection and installation and AS 1288-2006: Glass in building – selection and installation.

## Acoustic Performance\*\*\*

For optimal acoustic performance Airlite Highlander Cedar windows and doors are capable of holding thicker glass than standard cedar windows and doors.

## Energy Performance\*\*\*

For optimal thermal performance Airlite Highlander Cedar windows and doors allow for a 25mm IGU. With the appropriate energy efficient glass option such as low-E the ability of the window or door to provide resistance to external temperature extremes is enhanced.

\*\*\* For further information please contact an Airlite sales representative.

# Airlite Architectural Aluminium Range

## Features

- High performance weathering capabilities.
- Flexibility of design – various mullion details may be used.

## Options

- A range of glazing options from 4mm to 25mm.
  - Insulating glass unit or single glazed unit.
- A range of standard and custom colours.
- Reveal linings.
- Angle fix in brickwork application.

## Benefits

- Aluminium's unique feature is a combination of strength and lightness.
- Only simple cleaning is needed to maintain its stylish appearance.
- Comply with AS 3959-1999 for building in bushfire prone areas.
- Its dimensional stability ensures years of trouble free performance.
- Significant visual impact complementing all architectural styles.
- No painting required.

## Performance

All Airlite Architectural Aluminium windows and doors are manufactured to comply with Australian Standards for windows and doors. This includes AS 2047-1999: Windows in buildings – selection and installation and AS 1288-2006: Glass in building – selection and installation.

## Acoustic Performance\*\*\*

For optimal acoustic performance various glazing options are available for Airlite Architectural Aluminium windows and doors. Airlite recommends the use of a glass thickness no less than 6mm to achieve a minimum sound reduction. This range is capable of holding a maximum glass thickness of 25mm.

## Energy Performance\*\*\*

For optimal thermal performance Airlite Architectural Aluminium windows and doors allow for a 25mm IGU. With the appropriate energy efficient glass option such as low-E the ability of the window or door to provide resistance to external temperature extremes is enhanced.

[airlite.com.au](http://airlite.com.au)

