

# Venus Series® Chevron Louvre

Louvreclad Venus Series® steel chevron louvres offer zero-vision screening. Installable horizontally or vertically, they are ideal for plant screening, privacy, and security.

## Features

### PERFORMANCE

#### Zero Vision Screening

Provides complete privacy with Class C 83% rain defence and Class 3 aerodynamics, making it perfect for plant screening, privacy, and security.

### AESTHETICS

#### Double-Sided Aesthetics

The louvres have an appealing appearance from both sides, ideal for applications where visibility from both perspectives matters, such as balcony screening and car parks.

### DESIGN

#### Robust and Adaptable

Engineered for a maximum span of 1800mm, the Venus Series® can be specified as prefabricated panels or continuous louvres with integrated doors, offering versatile design options.

## Specifications

### AUSTRALIAN STANDARDS

Performance tested to AS 4740:2000

### ORIENTATION

Horizontal  
or  
Vertical

### MATERIAL

Zincalume®, Colorbond®

### FINISH

Colorbond® steel, Colorbond® Ultra & Metallic Range, or Zincalume® standard range

### ACCESSORIES

Bird/vermin mesh Insect mesh

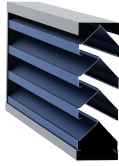
### INSTALLATION

Installation and mounting details will be designed in accordance with proprietary systems and recommendations as designed and manufactured by Louvreclad.

# Explore the profile options

## Venus Series® Horizontal

Roll-formed steel chevron  
louvres



### Class 3

AERODYNAMICS

### 0.477 CD

DISCHARGE COEFFICIENT

### 0.2 m<sup>2</sup>

EFFECTIVE AERODYNAMIC  
AREA

### Class C

RAIN RESISTANCE

### 83 %

EFFECTIVE RAIN  
RESISTANCE

### 42 %

FREE OPEN AREA

### 94 mm

DEPTH

### 62.5

PITCH

### 1800 mm

MAX SPAN

### 20kg/m<sup>2</sup>

WEIGHT

### Horizontal

ORIENTATION

## Venus Series® Vertical

Roll-formed steel chevron  
louvres



### Class 3

AERODYNAMICS

### 0.477 CD

DISCHARGE COEFFICIENT

### 0.2 m<sup>2</sup>

EFFECTIVE AERODYNAMIC  
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### Class C

RAIN RESISTANCE

### 83 %

EFFECTIVE RAIN  
RESISTANCE

### 42 %

FREE OPEN AREA

### 94 mm

DEPTH

### 62.5

PITCH

### 1800 mm

MAX SPAN

### 20kg/m<sup>2</sup>

WEIGHT

### Vertical

ORIENTATION



# AS 4740 Rain Resistance

## Venus Series® (Horizontal)

Rain penetration classification at each core velocity.

| Ventilator core velocity (m/2) | 0       | 0.5     | 1       | 1.5     | 2       | 2.5     | 3       | 3.5     |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Effectiveness E (%)            | 91%     | 90%     | 90%     | 89%     | 85%     | 76%     | 72%     | 71%     |
| Classification                 | Class C | Class C | Class C | Class C | Class C | Class D | Class D | Class D |

The results concluded the ventilator has fair rain resistance performance at the core velocities from 0-3.5m/s as summarised in the table above. The average rain penetration effectiveness for this model was 83% in Class C rating.

## Venus Series® (Vertical)

Rain penetration classification at each core velocity.

| Ventilator core velocity (m/2) | 0       | 0.5     | 1       | 1.5     | 2       | 2.5     | 3       | 3.5     |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Effectiveness E (%)            | 99%     | 96%     | 95%     | 93%     | 89%     | 81%     | 73%     | 70%     |
| Classification                 | Class A | Class B | Class C | Class C | Class C | Class C | Class D | Class D |

The results concluded the ventilator has fair rain resistance performance at the core velocities from 0-3.5m/s as summarised in the table above. The average rain penetration effectiveness for this model was 87% in Class C rating.

## Technical Data Disclaimer

- Indicative maximum span provided are based on generic permissible design wind pressure of 2kPa.
- Span values and product technical information provided are subjected to variance by project specific requirements & influence factors such building location, terrain category & local pressure effects.
- Span values provided are based on typical scenario where product specified are fixed at one end; simply supported at the other end and in either horizontal or vertical orientation.
- If the product specified is required to function as barrier for fall protection or as trafficable element, maximum span and pitch nominated may be reduced.
- Spans values provided could be influenced and reduced when used in dynamically sensitive wind environment.
- For project specific product selection or preliminary design & engineering consultation, please contact 1300 165 678 or [sales@louvreclad.com](mailto:sales@louvreclad.com) to arrange or book a meeting.



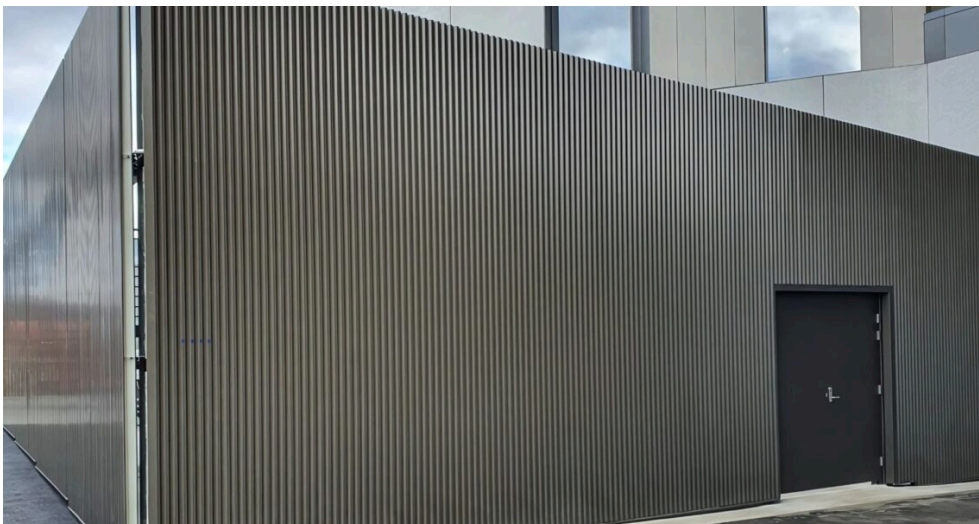
## Inspire with Quality

As leaders in the building envelope market, we are known for exceptional quality and lasting value. Our credibility, wealth of knowledge, and unmatched competence enable us to inspire exterior solutions that look good and perform better.



## The MadeRight Guarantee

Following our proven process enables us to develop solutions we're proud to put our mark of quality to. We guarantee that all projects will be delivered in a timely manner, be on specification, engineered to Australian standards and finished to the highest quality.



## Made to Perform

Louvreclad solutions are made to last and manufactured on-site using high-quality Australian aluminium and steel. As an organisation we are driven to get a thousand things right everyday to achieve our vision to be the face of Australian Building. Our facades are not here to be average, they are here to perform – and so are we.

# Speak to an expert

Reach out today to discuss your facade solution requirements; we would love to hear from you.



Made to Perform

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