Louvreclad
architectural exteriors



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

Delivers complete privacy with AS 4740:2025 verified Class 3 aerodynamic performance and CFD-verified Class C rain resistance, ideal for plant screening, privacy, and security applications.

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 carparks.

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

AS 4740:2025/2000 CFD

ORIENTATION

Horizontal
or
Vertical

MATERIAL

Zincalume®, Colorbond®

FINISH

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

ACCESSORIES

Bird/vermin mesh Insect mesh

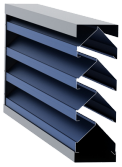
INSTALLATION

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	0.47 CD DISCHARGE COEFFICIENT	0.144 m2 EFFECTIVE AERODYNAMIC AREA
42 % FREE OPEN AREA	94 mm DEPTH	62.5 PITCH
1800 mm MAX SPAN	20kg/m2 WEIGHT	Horizontal ORIENTATION

Venus Series® Vertical

Roll-formed steel chevron louvres





Class 3 AERODYNAMICS	0.47 CD DISCHARGE COEFFICIENT	0.144 m2 EFFECTIVE AERODYNAMIC AREA
42 % FREE OPEN AREA	94 mm DEPTH	62.5 PITCH
1800 mm MAX SPAN	20kg/m2 WEIGHT	Vertical ORIENTATION

AS 4740:2000 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. (AS 4740:2000 CFD Verified only)

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. (AS 4740:2000 CFD Verified only)

Technical Data Disclaimer

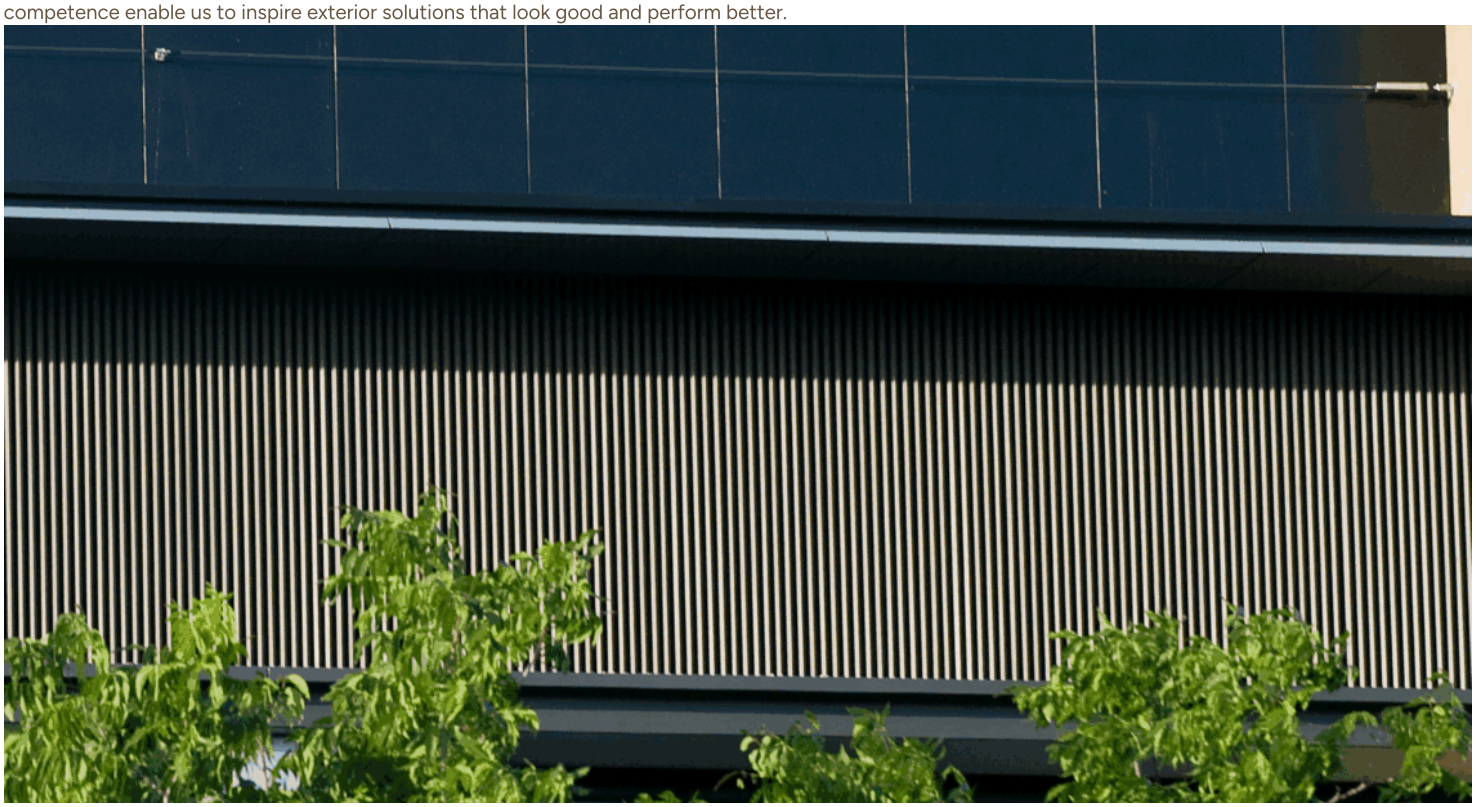
- Indicative maximum span provided are based on generic permissible design wind pressure of 2kPa.
- Span values and product technical information provided are subjected to variance by project specific requirements & influence factors such building location, terrain category & local pressure effects.
- 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.
- Venus Series® Chevron Louvre: AS 4740:2000 compliance verified by CFD analysis only.

For project specific product selection or preliminary design & engineering consultation, please contact 1300 165 678 or sales@louvreclad.victor.nichestudio.biz to arrange or book a meeting.



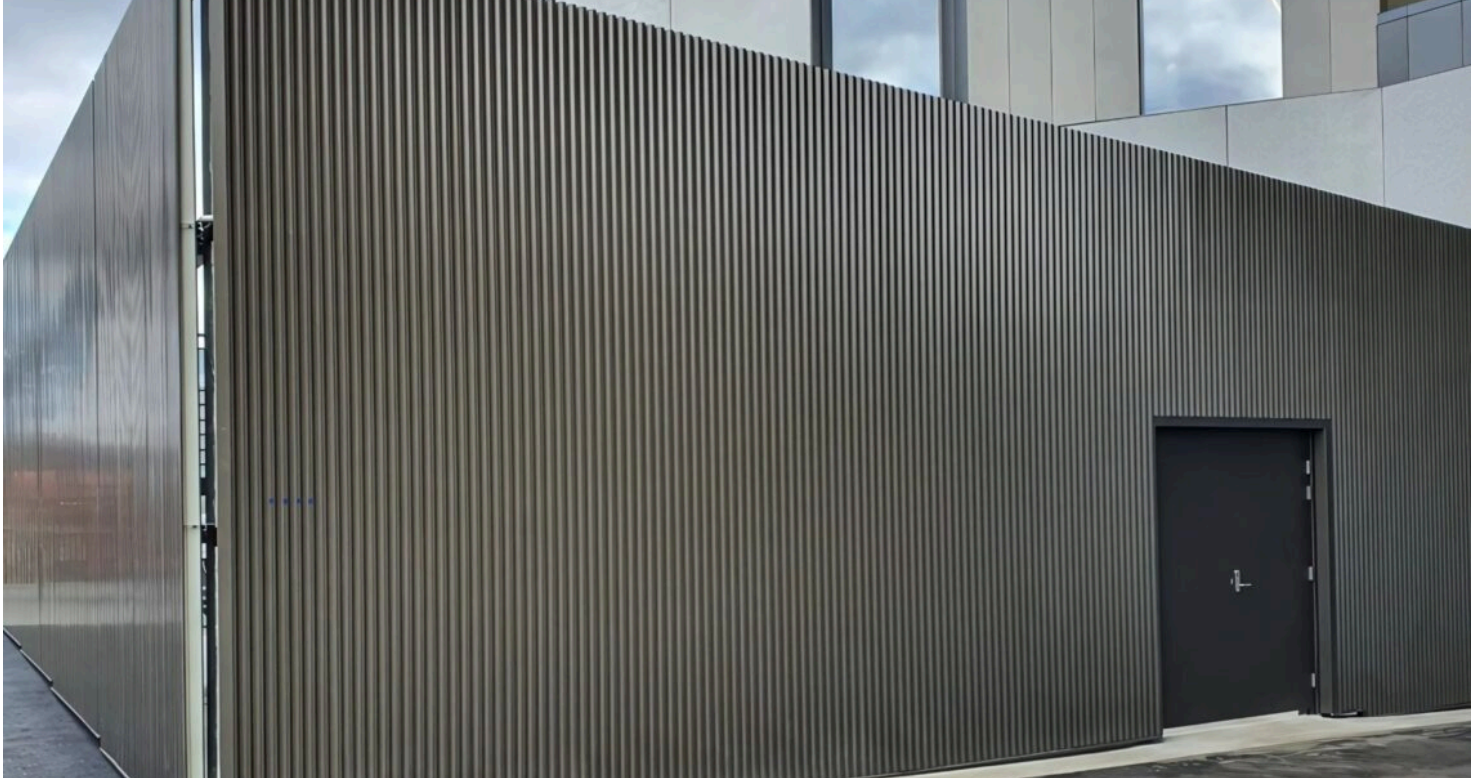
Inspire with Quality

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.