

Varsity Series® Rollformed Louvre

Louvreclad Varsity Series® combines robust steel construction with integrated single and two-stage louvre options, delivering proven ventilation performance, clean aesthetics, and efficient airflow for mechanical screening applications.

Features

PERFORMANCE

Enhanced Airflow and Low Pressure Drops

AS 4740:2025 verified Class B rain resistance up to 1.5 m/s core velocity, achieving up to 99.2% rain penetration effectiveness, with Class 2–3 aerodynamic performance.

AESTHETICS

Versatile Steel Design

Features roll-formed colour-coated steel with a 125mm pitch. Available in any Colorbond or Unicote finish, suitable for horizontal linear aesthetics in various applications.

DESIGN

Precision Sheet Metal Construction

Fabricated with 0.55mm base metal thickness, offering high strength and durability. Available as prefabricated modular panels or continuous louvres.

Specifications

AUSTRALIAN STANDARDS

AS 4740:2025/2000 CFD

ORIENTATION

Horizontal
or
vertical

MATERIAL

Zincalume®, Colorbond® (single-sided colour finish), Galvabond®

FINISH

Complete Colorbond® range

ACCESSORIES

Bird/vermin mesh Insect mesh

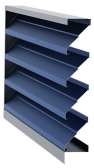
INSTALLATION

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

Explore the profile options

Varsity Series®

Single stage roll-formed steel louvres

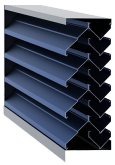


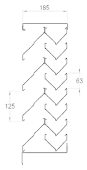


Class 2 AERODYNAMICS	0.56 CD DISCHARGE COEFFICIENT	0.211 m2 EFFECTIVE AERODYNAMIC AREA
53 % FREE OPEN AREA	94 mm DEPTH	125 PITCH
1500 mm MAX SPAN	18kg/m2 WEIGHT	Horizontal, Vertical ORIENTATION

Varsity Series® Two Stage

Two-stage roll-formed steel louvres





Class 3 AERODYNAMICS	0.35 CD DISCHARGE COEFFICIENT	0.091 m2 EFFECTIVE AERODYNAMIC AREA
42 % FREE OPEN AREA	188 mm DEPTH	125 PITCH
1500 mm MAX SPAN	38kg/m2 WEIGHT	Horizontal ORIENTATION

AS 4740:2025 Rain Resistance

Varsity Series®

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%	98%	98%	95%	88%	75%	59%	46%
Classification	Class B	Class B	Class B	Class C	Class C	Class D	Class D	Class D

AS 4740:2025 testing demonstrated Class B rain resistance up to 1.5 m/s core velocity, with rain penetration effectiveness ranging from 99.2% to 31.2% across the tested velocity range of 0–3.5 m/s.

Varsity Series® Two Stage

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 (%)	100%	100%	100%	100%	100%	100%	100%	100%
Classification	Class A	Class A	Class A	Class A	Class A	Class A	Class A	Class A

The results concluded the ventilator has an excellent 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 100% in Class A rating. (AS 4740:2000 CFD Verified only)

Technical Data Disclaimer

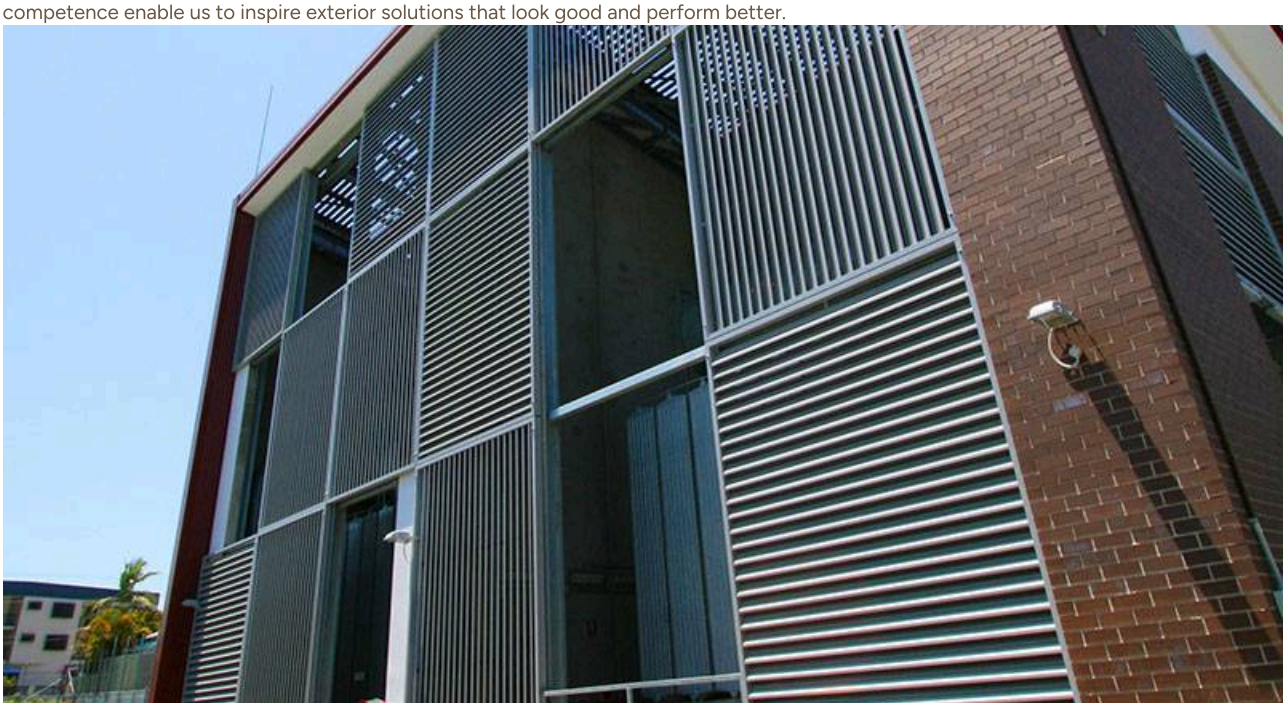
- Indicative maximum span provided are based on generic permissible design wind pressure of 2kPa.
- Span values and product technical information provided are subjected to variance by project specific requirements & influence factors such building location, terrain category & local pressure effects.
- 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.
- Varsity Series® Two Stage: 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.