

# Varsity Series® Rollformed Louvre

Louvreclad Varsity Series® offers steel louvres with Class D 75% rain defence, Class 2 aerodynamics, and 53% open area. Ideal for mechanical ventilation and screening, ensuring maximum airflow and low-pressure drops.

## Features

### PERFORMANCE

#### Enhanced Airflow and Low Pressure Drops

Specifically engineered for mechanical ventilation and screening where airflow is critical. Single-stage achieves 53% open area, while the two-stage offers excellent air flow with integrated rain defence.

### 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

Performance tested to AS 4740:2000

### ORIENTATION

Horizontal  
or  
vertical

### MATERIAL

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

### FINISH

Complete Colorbond® range

### ACCESSORIES

Bird/vermin mesh Insect mesh

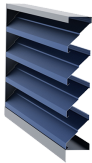
### INSTALLATION

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

### 0.648 CD

DISCHARGE COEFFICIENT

### 0.29 m2

EFFECTIVE AERODYNAMIC AREA

### Class D

RAIN RESISTANCE

### 70 %

EFFECTIVE RAIN RESISTANCE

### 53 %

FREE OPEN AREA

### 94 mm

DEPTH

### 125 mm

PITCH

### 1500 mm

MAX SPAN

### 18kg/m2

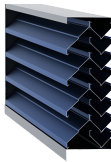
WEIGHT

### Horizontal, Vertical

ORIENTATION

## Varsity Series® Two Stage

Two-stage roll-formed steel louvres



### Class 3

AERODYNAMICS

### 0.482 CD

DISCHARGE COEFFICIENT

### 0.19 m2

EFFECTIVE AERODYNAMIC AREA

### Class A

RAIN RESISTANCE

### 100 %

EFFECTIVE RAIN RESISTANCE

### 42 %

FREE OPEN AREA

### 188 mm

DEPTH

### 125 mm

PITCH

### 1500 mm

MAX SPAN

### 38kg/m2

WEIGHT

### Horizontal

ORIENTATION



# AS 4740 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 (%)	74%	74%	73%	70%	68%	67%	66%	63%
Classification	Class D	Class D	Class D	Class D	Class D	Class D	Class D	Class D

The results concluded the ventilator 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 70% under Class D rating.

## 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.

## 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

1300 165 678

[sales@louvreciad.com](mailto:sales@louvreciad.com)

[louvreciad.com](http://louvreciad.com)