

Louvreclad Kensington Series® offers Class A 100% rain resistance and efficient airflow. As our 'storm-resistant' louvre, it's ideal for medical, commercial, and industrial projects demanding maximum rain protection.

Features

PERFORMANCE

Ultimate Rain Defence

Provides Class A 100% rain resistance and Class 3 aerodynamics, ensuring optimal protection against water ingress in demanding environments. Ideal for projects needing maximum rain protection.

AESTHETICS

Seamless Integration

Features a 125mm deep aluminium profile with a 62.5mm pitch. Available in powdercoated or anodised finishes, suitable for both horizontal and vertical installations.

DESIGI

Robust and Reliable

Designed with zero vision screening and can be specified as prefab modular panels or continuous louvres with integrated doors. Perfect for cyclone-prone areas.

Specifications

AUSTRALIAN STANDARDS

AS/NZS 4740:2000

FINISH

Interpon powder coated range, Dulux powder coated range, Sapphire anodised range, Universal anodised range, AAF anodised range

ORIENTATION

Horizontal Vertical

ACCESSORIES

Blanking Sheets Dust Filters Security screens and bars Integrated louvred doors

MATERIAL

6060 T5 Extruded Aluminium

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

Kensington **Series®** Horizontal

Three-pass weather louvre system





Class 3

AERODYNAMICS

Class A

RAIN RESISTANCE

125 mm DEPTH

20kg/m2 WEIGHT

0.358 CD

DISCHARGE COEFFICIENT

100 %

EFFECTIVE RAIN RESISTANCE

62.5

PITCH

Horizontal

ORIENTATION

0.15 m2

EFFECTIVE AERODYNAMIC

50 %

FREE OPEN AREA

2200 mm

MAX SPAN

Kensington Series® Vertical

Three-pass weather louvre system





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AERODYNAMICS

Class A

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125 mm

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ORIENTATION

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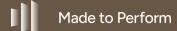
EFFECTIVE AERODYNAMIC AREA

50 %

FREE OPEN AREA

2200 mm

MAX SPAN



AS 4740 Rain Resistance

Kensington 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 (%)	100%	100%	100%	100%	100%	100%	100%	99.50%
Classification	Class A							

The results concluded that the ventilator has excellent rain resistance performance at the core velocity from 0-3.5m/s as summarised in the table above. The average rain penetration effectiveness for this model was 100% under Class A rating.

Kensington 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 (%)	100%	100%	100%	99%	98%	97%	97%	97%
Classification	Class A	Class A	Class A	Class A	Class B	Class B	Class B	Class B

The results concluded that the ventilator has excellent rain resistance performance at the core velocity from 0-3.5m/s as summarised in the table above. The average rain penetration effectiveness for this model was 99% under Class A rating.

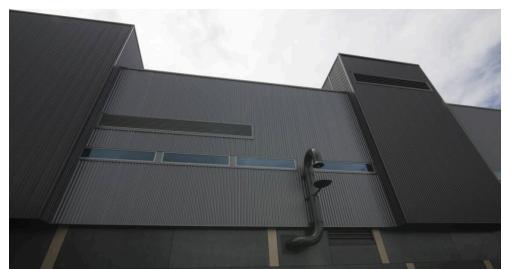
Technical Data Disclaimer

- 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 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.