Louvreclad
architectural exteriors

Kensington Series® Rain Resistant Louvres

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

Tested to AS 4740:2000, it 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 powder-coated or anodised finishes, suitable for both horizontal and vertical installations.

DESIGN

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

ORIENTATION

Horizontal
Vertical

MATERIAL

6060 T5 Extruded Aluminium

FINISH

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

ACCESSORIES

Blanking Sheets Dust Filters
Security screens and bars
Integrated louvred doors

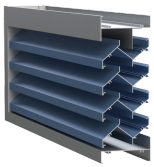
INSTALLATION

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	0.358 CD DISCHARGE COEFFICIENT	0.15 m2 EFFECTIVE AERODYNAMIC AREA
Class A RAIN RESISTANCE	100 % EFFECTIVE RAIN RESISTANCE	50 % FREE OPEN AREA
125 mm DEPTH	62.5 PITCH	2200 mm MAX SPAN
20kg/m2 WEIGHT	Horizontal ORIENTATION	

Kensington Series® Vertical

Three-pass weather louvre system

Class 3 AERODYNAMICS	0.358 CD DISCHARGE COEFFICIENT	0.15 m2 EFFECTIVE AERODYNAMIC AREA
Class A RAIN RESISTANCE	100 % EFFECTIVE RAIN RESISTANCE	50 % FREE OPEN AREA
125 mm DEPTH	62.5 PITCH	2200 mm MAX SPAN
20kg/m2 WEIGHT	Vertical ORIENTATION	

AS 4740:2000 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	Class A	Class A	Class A	Class A	Class A	Class A	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.
- Once printed or downloaded, this document is considered uncontrolled. Users should verify they are referencing the latest approved version.
- Kensington Series® Louvres: AS 4740:2000 compliance verified by CFD analysis only.

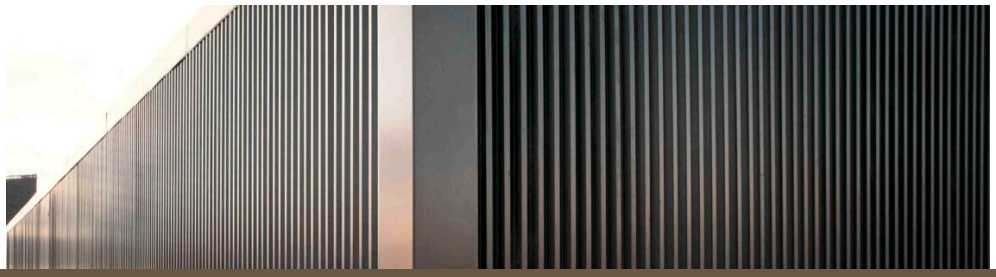
For project specific product selection or preliminary design & engineering consultation, please contact 1300 165 678 or sales@louvreclad.com to arrange or book a meeting.

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

Speak to an expert

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