Louvreclad
architectural exteriors



Kensington Series® Rain Resistant Louvres

Kensington Series® is a slimline two-stage weather louvre that has been designed to maintain Class A rain resistance at typical HVAC operating velocities.

Features

PERFORMANCE

Rain Resistance

Tested to AS 4740:2025, Kensington achieves Class A rain resistance and supports NCC Section J energy efficiency requirements. For optimum performance, size louvres to a maximum core velocity of 1.5 m/s and 60 Pa.

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 4740:2025

ORIENTATION

Horizontal
Vertical

MATERIAL

6060 T5 Extruded Aluminium

FINISH

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

ACCESSORIES

Blanking Sheets Dust Filters
Security screens and bars
Integrated louvred doors

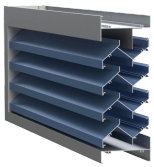
INSTALLATION

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 4 AERODYNAMICS	0.23 CD DISCHARGE COEFFICIENT	0.092 m2 EFFECTIVE AERODYNAMIC AREA
Class A* 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 4 AERODYNAMICS	0.232 CD DISCHARGE COEFFICIENT	0.092 m2 EFFECTIVE AERODYNAMIC AREA
Class A* RAIN RESISTANCE	50 % FREE OPEN AREA	125 mm DEPTH
62.5 PITCH	2200 mm MAX SPAN	20kg/m2 WEIGHT
Vertical ORIENTATION		

AS 4740:2025 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%	99%	90%	75%	14%	12%	14%
Classification	Class A	Class A	Class A	Class C	Class D	Class D	Class D	Class D

*Tested to AS 4740:2025, the Kensington has been designed to achieve Class A rain resistance while supporting the energy efficiency objectives of NCC Section J. For optimum performance, louvres should be sized to a maximum core velocity of 1.0 m/s and pressure drop of 60 Pa.

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%	100%	97%	71%	0%	0%
Classification	Class A	Class A	Class A	Class A	Class C	Class D	Class D	Class D

*Tested to AS 4740:2025, the Kensington has been designed to achieve Class A rain resistance while supporting the energy efficiency objectives of NCC Section J. For optimum performance, louvres should be sized to a maximum core velocity of 1.0 m/s and pressure drop of 60 Pa.

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 referring to the latest approved version.
- Kensington Series® Louvres have been tested and certified to AS 4740:2025 in an accredited Australian Test Facility.
- For more information on how to specify project specific rain resistance and calculate pressure drop, please reach out.

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.



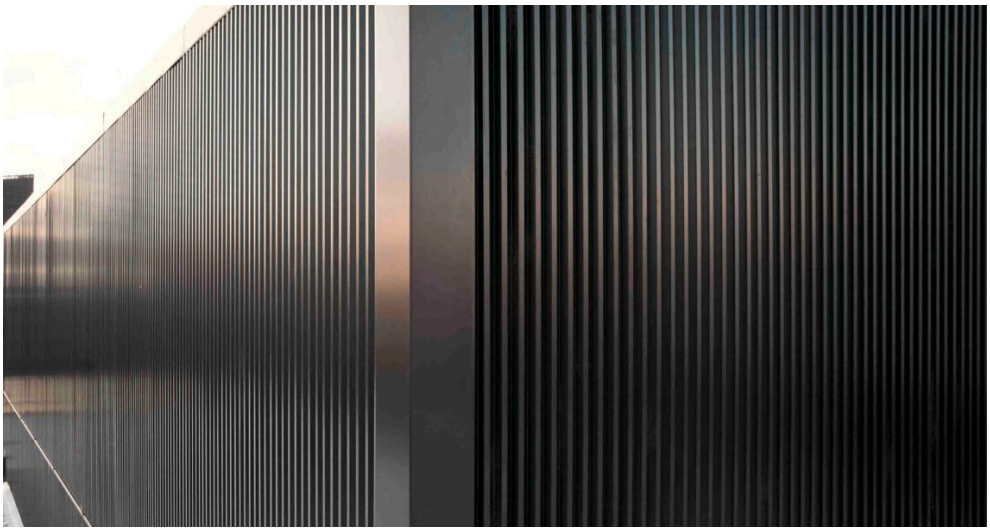
Inspire with Quality

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.

Speak to an expert

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