greene
environmental

Double Bank Louvre

Blade Stages	Double Bank Louvre
Rain Defence	Class A— 99-100% efficient — Less than 0.75l/hr/m^2 (50mm) Class C— 80-94.9% efficient — Up to 15l/hr/m^2 (75mm)
Airflow	Class 3 — 0.239-0.291 Coefficient
Front blade	Horizontal

Double Bank Louvre

Where ventilation is required and a good level of rain defence, double stage louvres are the answer. The louvres can be extruded in lengths up to 6m long in the Architectural Line and are available in 50mm or 75mm blade spacing.

Architectural Line

AI-5020

AI-7520

Mullion Line

MI-5020

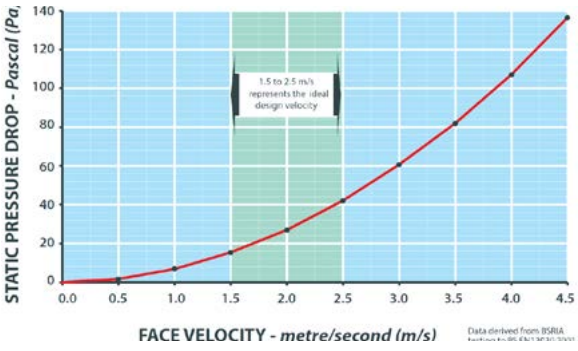
MI-7520

Material
High grade extruded aluminium to grade 6063 T5 and T6. Tensile strength of 152 - 300MPa.

Finish
Anodised, polyester power or PVDF coatings

Rain Defence
More than 99% efficient, Class A rain defence classification up to wind speed of 2.0m/s allowing less than 0.75l/hr/m^2 of water through the louvre using 50mm blade spacing.

Airflow
Class 2 airflow coefficient of **0.291** with 50mm



Span Table
Maximum mullion centres of 1.25m for windload up to 5kPa.

Up to 1.5m for windload up to 2kPa.

Model	Blade Spacing (mm)	Blade Depth (mm)	Blade Configuration	Front Blade Orientation	Rear Blade Orientation	Support Mullions
AI-5020	50	137	Twin	Horizontal	Horizontal	Hidden
AI-7520	75	137	Twin	Horizontal	Horizontal	Hidden
MI-5020	50	145	Twin	Horizontal	Horizontal	Visible
MI-7520	75	145	Twin	Horizontal	Horizontal	Visible

Benefits

- Commonly used for rain defence purposes whilst still maintaining high airflow capabilities
- Screening of plant and equipment

Blade	Airflow Velocity in m/s								Airflow
Space	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	Coefficient
50	A	A	A	A	A	B	C	C	0.291
75	B	B	C	C	C	D	D	D	0.239

performance louvres