

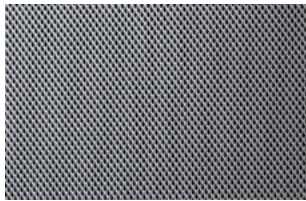
Vital Series

Blade Stages	Triple
Rain Defence	Class A — 99-100% efficient — Less than 0.75l/hr/m ²
Airflow	Class 4 — 0.141 Coefficient
Front blade	Mesh

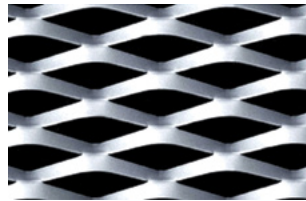
Vital Series

The 'jewel in the crown' of the INNIVATE performance Louvre system is the Rain Defense and VITAL series Louvres. Proven under test to resist rainwater entry whilst being subjected to high airflows, the twin blade horizontal and the triple blade, vertical Louvre systems are the perfect solution where the restriction of water entry is critical whilst a good level of airflow is required.

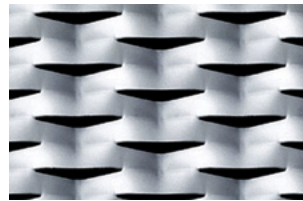
The VITAL series with its 'chameleon like' architectural mesh treatments provides a welcome change for the designer to incorporate performance Louvres into his façade without compromising the visual aesthetic.



VI-50A1



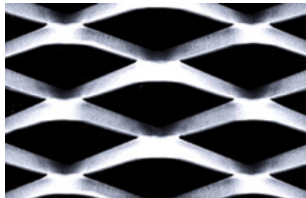
VI-50B1



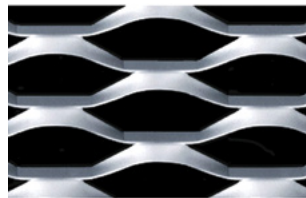
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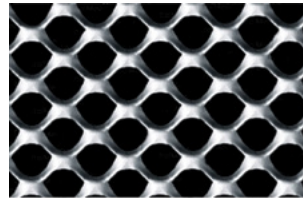
VI-50D1



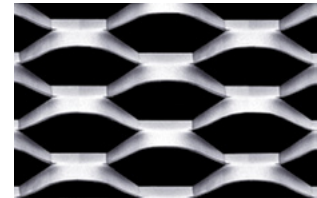
VI-50E1



VI-50F1



VI-50G1



VI-50H1

Material

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

Finish

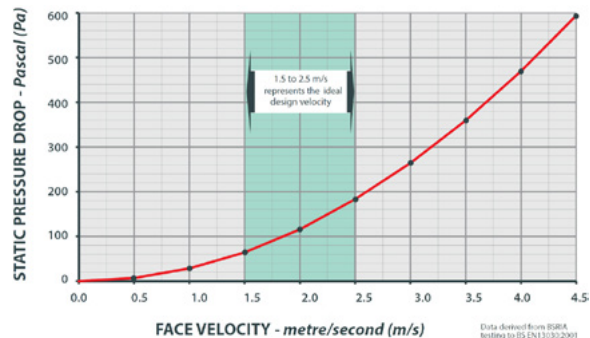
Anodised, polyester powder or PVDF coatings

Rain Defence

More than 99% efficient, Class A rain defence classification up to wind speed of 2.5m/s allowing less than 0.75l/hr/m² of water through the louvre.

Airflow

Class 4 airflow coefficient of **0.141**



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
VI-50XX	50	110 - 165	Triple	Mesh	Vertical	Hidden

Benefits

- Tested architectural mesh systems to stylise the building façade
- High performance of rain defence
- Conceals ventilation without comprising on design

Airflow Velocity in m/s								Airflow
0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	Coefficient
A	A	A	A	A	A	C	D	0.141

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