

Air
Light
Vision



QEF 50 HP BLADE LOUVRE

QEF 50 HIGH PERFORMANCE BLADE LOUVRE



High Performance double pass extruded aluminium curved blade louvre pitched at 50mm. Designed with Irish climatic conditions in mind, to minimise rain penetration whilst maintaining a good airflow. Tested at BSRIA to Class A3 up to 2.4 m/s face velocity; the top performing horizontal louvre tested to date. This louvre also has the benefit of non vision through the louvre viewed from any angle.

Construction Details

- QEF louvres are designed as component louvres for ease of installation and to maximise flexibility in architectural design.
- Louvres can be supplied as framed units or as true continuous line louvres with no restriction in height or width and no visible fixings to the exterior face.
- The system comprises louvre blades, vertical mullions with loaded blade clips and casement frame with inserts as required.
- Louvres are supplied factory finished for smaller sizes or in kit form for site assembly.
- All louvre components extruded aluminium to BS6063 T6, typically polyester powder coated to RAL or BS4800 colour range, alternative finishes include Decoral timber effect, anodised or mill finish.

Technical Data

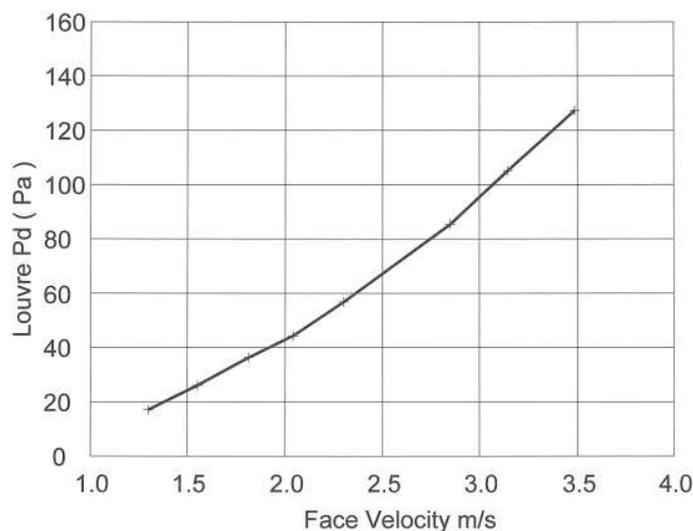
Louvre Free Area 50%

Louvre Coefficient (Cd): 0.244

Performance Classification

Face Velocity	Class
0 m/s	A3
1 m/s	A3
2.4 m/s	A3

Results provided by BSRIA against the standard HEVAC test to EN13030. Measuring water penetration at a given face velocity while subject to a 13m/s simulated wind velocity and simulated rain fall of 75mm/hr.



Alternative QEF Louvres

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|-----------------------------|------------------------------------|
| QEF 50 Chevron Blade Louvre | -QEF 50 Flat Blade Louvre |
| QEF 50 Curved Blade Louvre | -QEF 75 Curved Blade Louvre |
| QEF 75 Flat Blade Louvre | -QEF 78% Open Area Louvre |
| QEF Screening Blade Louvre | -QEF Vertical Blade (Storm) Louvre |

Options

- Standard inserts: flange, drip and glaze-in.
- Mesh: aluminium or s/s insect mesh, or glaz. bird mesh.
- Demountable mesh frames.
- Blanking: single skin or insulated panel.
- Mullions: 4 sizes available to suit louvre height.
- Louvre doors: single or double.
- Louvre corners: fully mitred or flashed.
- Fixing cleat: adjustable angle, twist lugs or clamps.

