

QEF Louvre Door System

Features and Benefits

- Doors are designed to be fully integrated into a louvre screen, with no visible door frames.
- The Door design incorporates various elements of glazing door design, including a Euro Groove in the sash and frame, wiper/ bubble seals between frame and sash and the use of corner crimps to form mitre joints.
- The Euro groove facilitates the use of a Euro multi-point locking systems and gives a positive fixing location for the purpose made offset pivot point hinges used.
- Double Doors are fitted with semi flush internal shoot bolts to the slave door.
- The door frame is designed with three locations for fixing to the structural: through the frame, cleat to the side of the frame or cleat to the rear flange.
- The door design offers full flexibility in door size (to structural limitations), i.e. all doors are made to site dimensions at no extra cost.
- The system is almost maintenance free as it is manufactured from extruded aluminium components with a polyester powder coat or anodised finish, together with stainless steel fixings throughout.

Options

- Door closers, panic latch/ fire escape locking systems or wind restrictors.
- Various threshold options or no threshold.
- 180° opening and bi-folding doors.
- Mesh: aluminium or s/s insect mesh, galv. bird mesh. Fixed or in demountable frames.
- Blanking: single skin or insulated panel.
- Doors are generally outward opening, internal opening is available by using inframe pivot hinges.

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The QEF Louvred Door System is designed and manufactured in Ireland, the thrust of the design was to achieve a cost effective, robust and fully flexible system. The system is designed to reduce fabrication times by the use of standard sections and connection details throughout the range of louvre blades applied, with the only variations in the pivot point hinge offset dimensions and the cut lengths for the frame and sash to suit the opening size.



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Project photo: Tyndall Institute, Cork - QEF 50 Curved Blade integrated louvre doors to plantrooms and stores.



Front view and locking detail of one of the 3100mm wide x 2650mm high double doors featured above.

STANDARD DOOR DETAILS

