

Stackable Louvre

A unique interlocking, stackable louvre system that can be designed to suit a variety of structural openings including squared and arched.

Applications

- Sub-stations
- Electrical utility rooms
- Gas cylinder storage
- Plant rooms
- Transformer chambers
- Oil stores
- Pump rooms
- Refuse stores



Stackable Louvre

Features

- Excellent airflow characteristics.
- Aesthetically pleasing.
- No visible horizontal joints.
- Unlimited height of assembly subject to structural restrictions.
- Manageable Light weight sections up to 2500mm in length and 250mm in height.
- Complements Sunray Louvre doors range.
- Anti-vermin mesh or blanking to rear.
- Strong fully welded construction.
- Rear concealed joining framework for
- Choice of frame profiles demountable or fully welded (dependant on size).
- Top panel can be fixed through front face if rear space is restricted or internal access is not available.
- Non-fire rated.
- Architectural marine grade polyester powder coat finishes as standard.

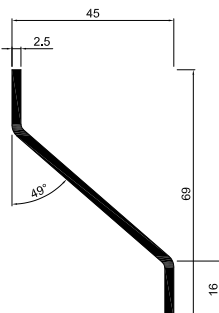
Sizes

Unlimited height and width of assembly subject to structural restrictions.

Louvre Section

Louvre blades welded into a 50mm x 18mm x 3mm steel angle section framing.

Louvre blades formed to profile shown.



Standard blade thickness is 2.5mm.

Pitch is 50mm.

Frame

100 x 50 x 3mm rectangular hollow section to sides, sides plus head or all four sides.

Lugs or through frame fixing options available for framework, (fixings supplied).

All welded/fully demountable construction.

Alternative frame profiles available.

Hinge parts welded to frame and door leaf.

Air Flow

Approximately 50%.

Fixing Method

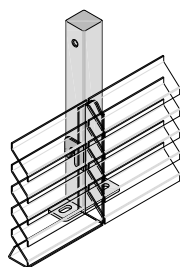
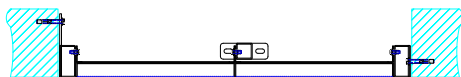
Louvre frames second fixed within structural openings using M10 expansion anchors to masonry/concrete openings or M10 machine screws to drilled and tapped holes in steelwork. Frame to wall joints sealed with mastic sealant.

Finishes

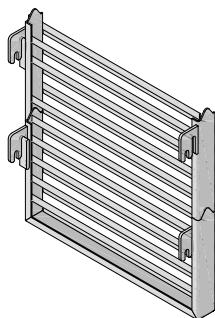
Top coat: Architectural marine grade polyester powder coat. 30% gloss level. 60-80 microns thickness. Optional marine grade zinc rich primer for enhanced corrosion resistance. 60-80 microns thickness. Stocked range of 58 standard colours. Other colours and finishes available on request.

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Standard Frame Option



Louvre double bank joint



Stackable louvre design



Sunray Doors
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Bespoke Design Services

Complementing our standard door ranges we also offer a complete, bespoke design service to suit specific client needs or to overcome site/building constraints.

Sunray Installation Service

We offer a full installation service covering our complete range of steel door and louvre systems. Work is carried out by our own qualified factory-skilled operatives and not sub-contractors.

Procedures are audited and our installation process is approved and certified by CHAS, Safe Contractor, Achilles Building Confidence and Achilles UVDB.

Sunray's Installation Service is certified by the LPCB/BRE to LPS 1271 for security and fire doors.

Nationwide Delivery Service

Specialist transport service includes curtain sider lorries with Moffett facility, flat bed lorries with HIAB facility and lightweight vans as applicable.



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