



Performance Louvers



DESIGNED FOR
**MAXIMUM
SECURITY**



SUSTAINABLY
MANUFACTURED
PRODUCTS



MAINTENANCE
FREE

Secure Louvre Systems

TS Designs Ltd offers an innovative range of louvre ventilation solutions, designed for integration within doors or for direct installation into wall apertures.

The louvres provide a clean, continuous appearance and, with a wide choice of colour finishes, can enhance the architectural character of a building. Highly flexible in design, louvre banks can be manufactured to suit almost any practical size or shape. Our innovative design allows approximately 75% free airflow, while the corrosion-resistant construction ensures durability and suitability for external applications.



Construction

Our extruded aluminium louvre blade is unique and offers several clear USPs. The blade is an inverted "V" style with concave faces.

This design eliminates any line of sight through the louvre and effectively protects against rigid body penetration. The concave faces translate any forward velocity of wind blown water into the vertical plane thereby preventing "blown drips" entering the building.

All our louvres are backed with either 10mm anti-vermin mesh or stainless steel insect mesh.

The blades are 40mm x 40mm, mounted on a 40mm pitch within a 45mm assembly (including mesh).

The 45mm assembly is perfect for mounting within doorleaves or incorporating within PA1 door configurations as either side panels or over panels.

When fitting the louvre system directly into a wall, the louvre bank is mounted within a formed four sided aluminium sleeve. This sleeve can be any depth to match the structural opening and serves the additional function of fully lining the aperture.





Certification

Quality Management System certified to EN ISO 9001: 2015 Certificate No. 11955 Environmental Management System certified to EN ISO 14001: 2015 Certificate No. 2993 Occupational H&S Management System certified to EN ISO 45001: 2018 Certificate No. 1466



**To find out more about how we work with partners and suppliers
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