



# MANUFACTURERS OF MICROLOUVRE®

## heat, light & glare control

Sun and light control metal fabric, delivering architectural and building performance solutions around the globe.



### SOLAR SHADING

**MicroLouvre®** provides **100%** shade and heat block, saving over **68%** of air conditioning running, energy & equipment costs. It **also** allows perfect vision and outperforms all other external solar shading systems.

*As a 'non-mechanical' passive solution, MicroLouvre® ticks all of the boxes for sustainable, energy efficient construction.*

### BUILDING CLADDING & FACADES

Applying **MicroLouvre®** to your building, provides effective **protection against heat gain** & glare whilst maintaining visibility to the outside world. Its application has been proven to reduce energy demand for cooling by **as much as 70%** and lighting by **over 50%**.

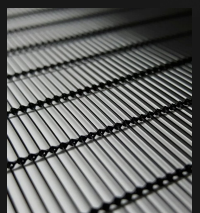
*MicroLouvre® is A1/A2 fire rated, which is now a legal requirement for many residential buildings.*



### LIGHT DIFFUSION & GLARE CONTROL

**MicroLouvre®** provides essential glare control by creating **directional light diffusion, source concealment and glare control**. It is a highly effective light diffusion material for a wide range of applications.

### WHAT IS MICROLOUVRE®?



**MicroLouvre®** is a finely woven metal fabric with integral micro louvres that is tensioned into frames or encapsulated in glass. It is the professional answer for architects, environmental & lighting consultants, and building service engineers.

It **simple to fix to commercial, industrial or domestic fenestration**. This can be done with SmartLouvre engineered fixing systems or bespoke to the specific project. Panels are **lightweight**, easy to manouvre, but once fixed are hurricane proof.

The fabric-mesh panels are **80% open**, so whilst they remove **HEAT GAIN**, they won't stop a freeflow of **light and ventilation** all with perfect vision out.

**MicroLouvre®** is incredibly durable, won't need servicing and don't need to be removed for maintenance or window cleaning. We offer a number of simple engineered solutions including simple lift in/out options or screens fitted in channels to slide in/out of position.

### UNIQUE SELLING POINTS

**1. STOPS** solar heat gain

**2. MAINTAINS** natural light & airflow

**3. ENABLES** light direction & glare control