

Façade 125 External Roller Screens

Description

The substantial stainless steel cables and the aluminium cross sections become a structural feature. The blind box is suspended on the cables. The mesh fabric with vibrant colour or muted tones gives control of heat, light and glare as well as providing a clear view out. Thermal and visual comfort for the occupant, an effective yet attractive solution.



Why is external shading important?

Energy Saving

The cheapest energy is the energy that you do not need. Preventing the need for energy use for cooling is more effective than making plant more efficient. Façade 125 with mesh material does that, reducing the load from solar gain by up to 90%; a significant cost saving.

Function

- Retractable
- Motorised
- Durable
- Proven Technology

Control

- Solar Gain
- Light Level
- Screen Glare
- Visual Perception
- Thermal comfort



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Retro Fit

Fitting energy efficient shading to a building that was not designed for it can be a challenge. FAÇADE 125 is perfect for as the fixing brackets can be positioned at structural points above and below the window openings.

G and U values

We need a good U value to keep heat in during winter but we also need a good Gtot figure. Gtot is the measure of the total energy passing through a window when exposed to solar radiation, that is, the heat gains passing the combination of blind and glass, (in the same way that U value is a measure of heat loss.)

Façade 125 shading with a silver Soltis mesh material has a Gtot figure of 0.11 with Low-E double glazing, that is 89% heat rejection. The Soltis Mesh fabric gives control of heat, light and glare as well as thermal visual comfort for the occupant, which along with clear view out, is an effective yet attractive solution.

Sustainability

Unlike most building components, Façade 125 shading saves a multiple in CO2 emissions of those created throughout its lifecycle, a true Negative energy solution. It is the insulation of the transparent parts.



Façade 125

A Sustainable Statement
On Your Building



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