



TM 75EI

Aluminium Fire Rated Doors Windows and Screens



SAFETY • SECURITY • SUSTAINABILITY

By design, by specification and in fabrication - a better choice

Aluminium is now more than just a cost effective alternative to steel and timber for fire rated doors and windows – it provides real advantages in design, fabrication and installation. Architecturally pleasing in both internal and external applications, our new system achieves a value of up to 60 minutes integrity and insulation, conforming to European standards. In fabrication, the aluminium components can be powder coated prior to assembly dramatically reducing manufacturing lead times and producing a low maintenance, attractive, durable finish that withstands the harshest environments and climatic extremes. The resilience and versatility of aluminium makes it an ideal choice for installations of up to 4000mm screen height in practically all applications where fire rated doors and windows are needed.

The TM 75EI system conforms to the following standards:

EN 1364-1
EN 13501-2
EN 1634-1
EN 1834-3

- 75mm system including a 32mm thermal break.
- Smoke seal option available.
- Very good thermal performance
- U value calculations can be provided.
- Job specific CAD drawings available.
- Sound insulation Rw up to 41dB.
- Cost effective solution compared to steel alternatives.
- Maximum screen height of 4000mm achievable.
- Panic bar and mag lock options are available.



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OWS Ltd are able to offer a complete design, manufacture and installation service from our factory in Surrey where we have been producing high quality window and door products for more than 10 years. Using the latest CNC cutting and machining equipment we can offer a fast turnaround from drawings to finished product at extremely competitive prices.

As a matter of policy we undertake to employ environmentally sympathetic material and processes wherever feasible. Nearly every component that is used to make a TM 75EI fire rated door or screen comes from a sustainable source, all aluminium, steel, thermoplastic rubber seals and polyamide strips are 100% recyclable.

**For quality without compromise contact us now at:
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