SIG Interiors is the UK’s leading specialist supplier of interior fit-out products to the construction industry. With local branches located throughout the UK, SIG Interiors offer an unrivalled range of products to suit all commercial market sectors including offices, education, healthcare, retail and leisure.

As part of our partition offering, which includes the tried and trusted Tenon range and the design led Graphite range of systems, we also offer a range of Fire Screen partition solutions, for both Integrity and Integrity and insulation.

Our dedicated team of specialists will work closely with architects, designers and contractors to ensure the product meets with the necessary fire performance requirements, without compromising on the style and finish of the design.

The high performance range of fire resistant steel or aluminium systems offer up to 2 hours for integrity and insulation and all products meet regulatory requirement BS476-20 / EN1364-1, and come with a complimentary range of door solutions.

**CHOOSING YOUR SYSTEM**

Fire rated glass partitions are ideal for buildings which need to meet stringent building regulations, and in general working environments to protect the safety and wellbeing of others. Unlike historical fire screens which were solid wall based, these toughened, fire rated glass systems are stylish in design and allow segregation of escape routes, allowing the safe exit of a building. Your local SIG Interiors specialist will work with you to ensure that the system meets performance requirements.

There are two system types to choose from, both of which will retain their position in the event of a fire. Integrity only systems allow for a safe exit of a building, the glass will remain clear therefore allowing visibility of the fire. The Integrity and Insulated system provides the added benefits of insulation against the heat passed from the fire side to the unexposed side, typically the insulated glass will form an opaque layer – this prevents people exiting the building seeing the spread of fire.

**E = INTEGRITY**

Integrity systems provide a physical barrier from the heat, smoke and smoke. They do not offer protection from heat so are commonly used in corridors or high traffic areas.

Integrity only is a rating that restricts the progress of the fire through the glass and the compartment. It does not offer any real protection against the heat generated by the fire.

- 30 Minutes Integrity = E30 30/0
- 60 Minutes Integrity = E60 60/0
- 90 Minutes Integrity = E90 90/0
- 120 Minutes Integrity = E120 120/0

**EI = INTEGRITY & INSULATION**

Integrity & Insulation high performance systems provide protection against the progress of fire & insulation from heat generated, making them ideal for office areas.

These high performance systems, provide protection against the progress of the fire whilst ensuring minimal heat passage to the unexposed side.

- 30 Minutes Integrity & Insulation = EI30 30/30
- 60 Minutes Integrity & Insulation = EI60 60/60
- 90 Minutes Integrity & Insulation = EI90 90/90
- 120 Minutes Integrity & Insulation = EI120 120/120
- Fire rating of up to 120 mins
- Single or double doors, including double action doors
- Framed, butt jointed and curtain wall applications
- Screens up to 4m high
- Door leaf up to 1400mm wide (3.5m²) max
- Door leaf up to 2950mm high (3.5m²) max
- Integral blinds available
- Acoustic ratings to achieve clients requirements

For full technical advice and support, please contact your local SIG Interiors branch.

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