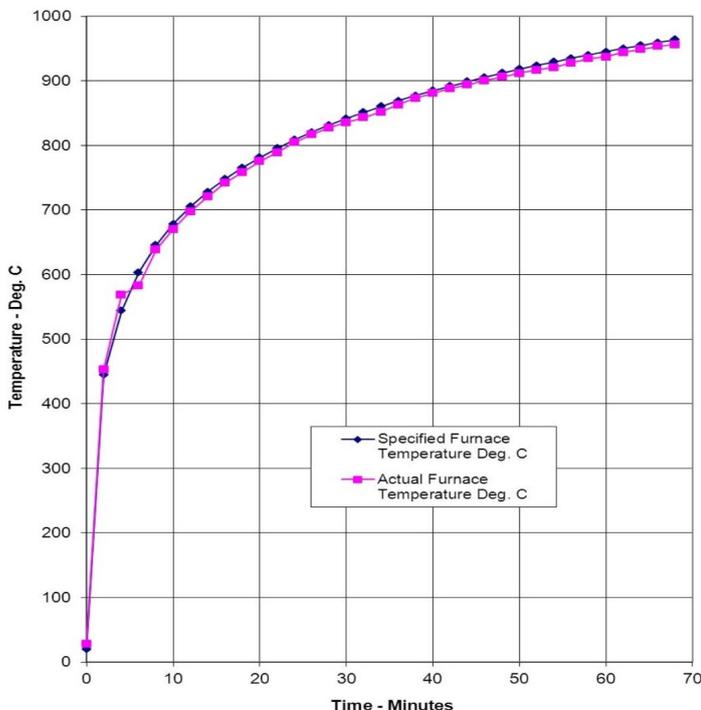


The **MDS Engineering Fire Shutter** range is used to compartmentalize a building to help prevent fire from spreading from one part of the building to another to enable anyone inside the building to evacuate as safely as possible. The range can also be used to prevent fire from spreading to outside the building where there may be an external risk of explosion, for example at a chemical works or oil refinery.

**Fire Resistance:** Assessed by Warrington Certification for up to 240 minutes fire resistance to suit openings up to 7m x 7m, each unit will be certified to 1hr, 2hr or 4hr fire rating depending upon requirement. The shutters are tested to either BS EN1634-1:2014, BS476 Part 20 & 22: 1987, or BS EN1363-1:2012 and will meet or exceed the requirements of numerous other national and international standards.

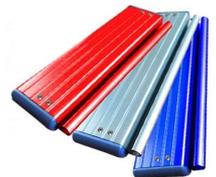


**Additional Options:** If a maintained power supply cannot be guaranteed then a battery back-up unit provides the means to ensure shutter closure and will give the facility at least one operation under fire conditions. An Audio Visual Warning (AVW) unit is designed to delay the closing of the fire shutter and upon activation it will flash and sound. A slave unit can mimic an AVW (once fitted) for the opposite side of the opening. Thermally insulated fire shutters up to 4.5W/m<sup>2</sup> can be supplied.



**Activation Options:** Dependent upon site conditions this may be a solenoid release designed to be linked into the fire alarm system and allowing for controlled descent; a fusible link release where a soldered link separates and releases at 68°C or fire relay where the characteristics mimic the use of the solenoid on the conventional fire shutter. A volt free signal is required from the fire alarm. We very strongly recommend that the connection to the fire alarm system is undertaken by fire alarm specialists, however we would be pleased to advise on fire shutter type.

**Powder Coated Finishes:** As an optional extra powder coated finishes can be provided to the shutter in standard RAL or BS standard colours as well as non-standard colours if samples are provided for us to analyse.



**Warranty:** We warranty all parts free from manufacturer's defects for a period of twelve months from the commissioning date. The warranty also covers call out charges and fitting charges for replacement parts supplied under the warranty. The warranty does not cover repairs due to accidental damage or misuse, fair wear and tear or any loss of use while replacement parts are being supplied or fitted.



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**"Engineering is our expertise, doors are our daily obsession."**