**COMPOSITE SLIDING FIRE DOORS**

**SPECIFICATION 6-7**

**Fire Resistance**

Assessed to BS 476 Part 22 for fire resistance up to four hours.

**Door Leaves**

Manufactured from 1.5mm thick zintec steel sheets with internal reinforcing channels and infilled with rockwool insulation. The overall panel thickness is 43mm.

**Tracks**

Fabricated from galvanised steel and formed into a box type top track 90mm deep x 64mm wide. Brackets are supplied to fix the track to the opening structure. A guide bobbin is fitted on the floor behind one jamb to keep the leaf vertical avoiding the need for a bottom track.

## Frame

A peripheral steel frame is supplied to maintain a fire seal.

**Finish**

Prime painted for finishing on site by others. Polyester powder coating to a range of standard RAL colours is available at extra cost.

## Weight

Approximately 35 kgs per m².

**Operation**

Manual doors are operated via handles attached to each side of the leading edge. Counterbalance weights are supplied to keep the door in the open position and to assist when opening.

Electric doors utilise a single phase Speedsafe motor mounted at high level. The standard unit is pre-wired obviating the need for a site electrician. Standard controls are by means of open / close / stop push buttons fitted adjacent to the shutter. Other types of control are available at extra cost.

**Fire Activation**

The door is self-closing in a fire condition and is activated by either an auto re-set solenoid or hold-back magnet requiring a 24-volt DC supply from the fire alarm. Closure is always at a controlled speed.

**To specify state:**

**Composite Sliding Fire Doors shall be by**

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