

## FIRELINE 60 PLUS

### FD 60 HIGH PERFORMANCE DOORSETS

#### General Specification

- 64mm thick door leaf constructed from a high performance timber based core with non combustible mineral fibre insulation sub facings encapsulated by high quality hardwood stiles and rails faced with MDF, Plywood or Chipboard which will then be covered with decorative wood veneers, plastic laminates, stains or paint as required.
- **FIRELINE 60** Door sets are supplied complete with hardwood door frames and hinges
- **FIRELINE 60** Door sets are designed and intended for internal use.

#### Fire resistance test data and approvals

- Tested to BS 476 Part 22 1987 at Chiltern International Fire Limited (formerly TRADA) test reports RF96104 and RF00120 apply, in double door and double door with overpanel configurations and including glazed apertures.
- International Fire Consultants Ltd Assessment IFCA/07146 enables expansion of approval for **FD60** and **FD60S** performances in the following configurations and sizes :-

#### Leaf sizes permitted

**Latched, single action, single doors without overpanel or with transomed overpanel**

	From	To
Width	953mm	1247mm
Height	3338mm	2751mm

**Unlatched, single action and double action single doors, without overpanel or with transomed overpanel**

	From	To
Width	935mm	1222mm
Height	3273mm	2697mm

**Latched, single action, single doors with rebated or square overpanel**

	From	To
Width	925mm	1210mm
Height	3239mm	2669mm

**Unlatched single action and double action single doors with rebated or square overpanel**

	From	To
Width	907mm	1186mm
Height	3176mm	2617mm

**Latched, single action double doors, without overpanel or with transomed overpanel**

	From	To
Width	1009mm	1132mm
Height	3028mm	2782mm

**Unlatched, single action and double action double doors, without overpanel or with transomed overpanel**

	From	To
Width	999mm	1121mm
Height	2998mm	22754mm

**Latched, single action double doors,  
with rebated or square overpanel**

	From	To
Width	950mm	1066mm
Height	2851mm	2619mm

**Unlatched, single action and double  
action double doors, with rebated or  
transomed overpanel**

	From	To
Width	941mm	1056mm
Height	2823mm	2594mm

**Door frames**

- 640Kg/ M<sup>3</sup> density or greater hardwood of minimum section 70mm x 32mm after rebating or profiling. A 15mm planted or rebated stop will be incorporated for single acting configurations

**Intumescent & Smoke seals**

- Will be included in sections and types to suit the requirements of the configuration.
- Should smoke control be required the necessary smoke seals will be included
- All factory fitted hinges, locks/latches, strike plates and floor spring accessories will be protected with intumescent gaskets.
- Any ironmongery not factory fitted will require protecting with intumescent gaskets. For further advice please provide full specification of components

**Glazing**

- **FIRELINE 60** Door sets are factory glazed using clear laminated fire resisting glass in conjunction with insulation materials, purpose made retaining system cloaked with hardwood splayed and rebated glazing bead.
- The maximum permitted glazed area per leaf must not exceed 0.46M<sup>3</sup> throughout the configuration range.
- Apertures shape is unrestricted and may be in multiple or single paned form providing glazing is not less than 140mm from the door leaf edges, not less than 200mm from the top and bottom edges and not less than 100mm between apertures. A maximum height of 1930mm and a maximum width of 490mm applies. Total area of multiple apertures can be up to 0.55M<sup>3</sup> depending on configuration.

**Ironmongery**

- Door sets can be supplied with hinges fitted or door leaves and frames supplied separately. .
- **FIRELINE 60** Door sets have been tested and are approved for use with a wide variety of components including :-
  - Allgood Modric Commander XX9231 floor springs and accessories
  - Royde & Tucker H102 and H105 lift off hinges or equivalent.
  - Dorma TS83 overhead closers
  - Legge tubular mortise latch
  - Allgood Shearlock GF3000
  - Stainless steel pull handles(bespoke)

Note :- Since the various elements of ironmongery were not exploited by fire testing, approval has been given for the use of mortise lock sets with up to 235mm forend plate, latch body 18mm and strikeplate 235mm long x 20mm wide.

- Alternative ironmongery of at least equal performance may be substituted.

### Decorative Finishes

- Wood veneers or plastic laminates of up to 2mm thick, face fixed timber mouldings are approved and can be factory applied to door faces.
- Door edges and door frames will be in nearest matching hardwood which can be clear finished, stained, tinted or painted to match or contrast with the door face finishes.
- All paint stain tinted or clear finishes can also be factory applied.

### Size Adjustment

- Doorsets are manufactured to suit specific opening sizes and door leaves
- cannot be adjusted on site without prior consultation or agreement

### Storage

- **FIRELINE 60** Door sets should be stored within a carefully controlled environment similar in temperature and humidity to that intended for final use.

### Installation

See separate installation instructions.



The mark of responsible forestry.  
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