



SLIDING FIRE DOOR
BROCHURE



STRONGHOLD SLIDING FIRE DOORS

Stronghold sliding fire doors are manufactured strictly in accordance to SANS 1253:2003 edition 3 specifications for fire doors and fire shutters and will provide a rating of two hours. Their flush faced appearance and slim-line construction, make them an ideal solution, for openings where headroom restrictions prohibit other types of doors. They can be designed to blend in with the surrounding structure or as a feature, due to their versatility.

STANDARD SPECIFICATION

Door leafs - the door leafs are constructed with an inner monolithic, asbestos free, fire resistant panel with a thickness of 44mm.

Tracks -The doors are top hung from a sliding gear top track, by ball bearing pulleys and the track is fixed to the structure, by means of fabricated steel track brackets. No bottom track is needed however, guides are installed to keep the door in line, on closing. The tracks vary to suit installation requirements and are customised according to the size of the door.

OPERATION

Manual Operation - most doors are normally parked in the fully open position, closing only in the event of fire. In these circumstances, the doors would normally be supplied manually operated with self closing, activated by either a fusible link or the interruption of a permanent fire signal to a 24 volt DC magnet.

Electric Operation - This option is suitable for larger openings or where frequent usage is envisaged. Operation is via a 240 volt single-phase geared motor with an inherent 24 volt DC magnet which holds the door open. An open/close/stop push station allows everyday electrical operation, but in the event of a fire interruption of the fire signal to the magnet. The door releases and closes manually with a controlled speed.

FINISH

As per clients specification, however galvanized or stainless steel cladding is required on the sliding fire doors for extra protection in areas, where fork lifts and heavy equipment pass through the doors.

OPTIONS

- Fusible link
- Hold back magnet
- Manual or electric operation View panel
- HD handles
- Custom sizes

BENEFITS

- Attractive flush faced appearance
- Available in a range of finishes
- Low maintenance requirement
- Uninterrupted floor surface

INSTALLATION

Stronghold has trained installation teams that install, repair and maintain the fire sliding doors. It is essential to advise the supplier, of the environment in which the doors are installed, as grinding and welding is part of the standard installation procedure.



MAXIMUM SIZES

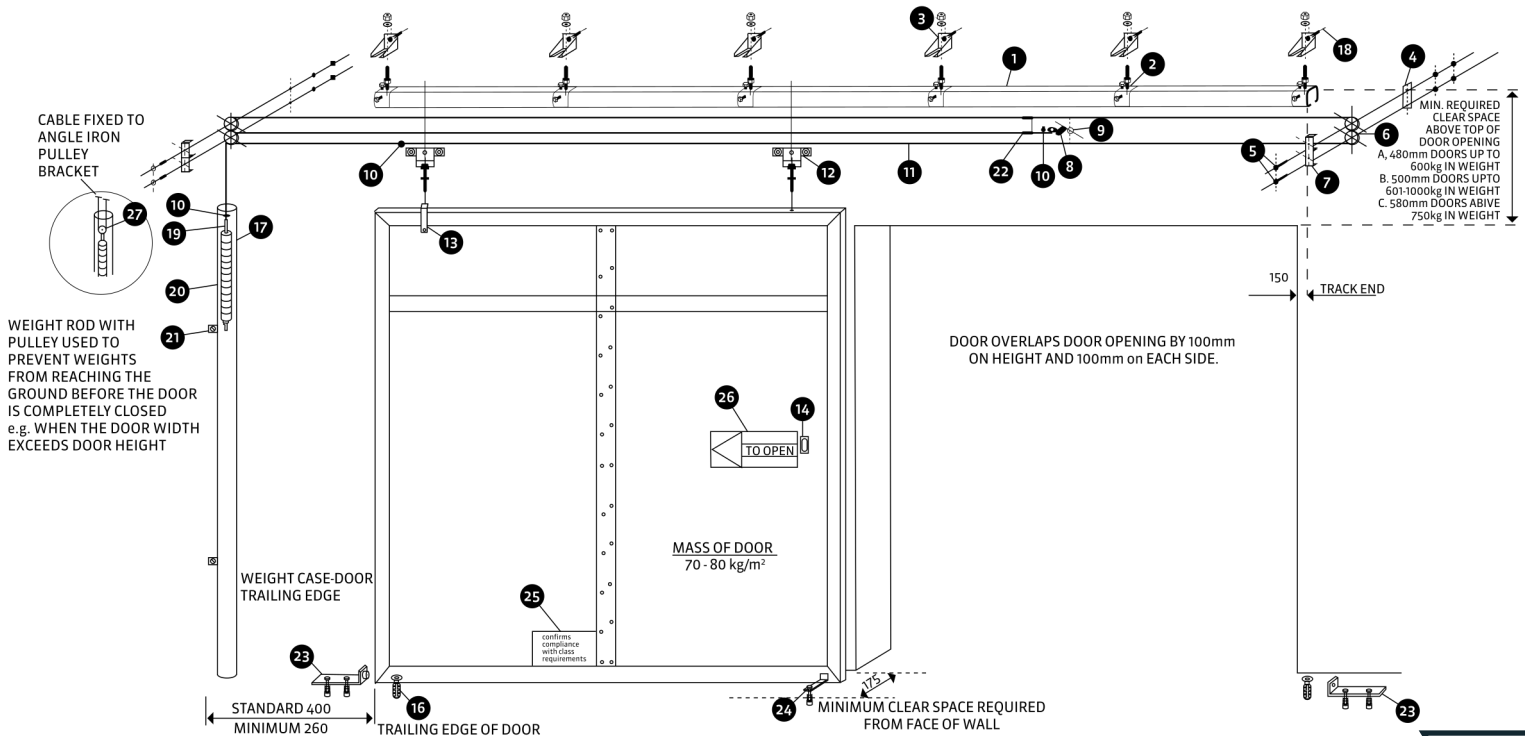
4000mm x 5000mm - due to transport and rigging restrictions the larger doors are manufactured in two panels and joined on site.

WEIGHT

Approximately 35kg/m² excluding finishes.

LEAD TIMES

Lead times may vary due to the quantity, size and finish of the door. Standard door lead time is approximately 4 weeks.



CONTACT INFORMATION

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Products and Services

- Fire Doors • Escape Doors
- Transformer Doors • Hospital Doors
- Anti-bandit Doors • Seclusion Doors
- Lead Lined Doors • Hospitality Doors
- Steel Doors • Acoustic Doors
- Ironmongery • Insulated Doors
- Door Hardware • Security Doors

Services

Site Surveys

Fire + Escape Door Maintenance

Door Installations

Factory + On-site Door Hardware Installations

Prepping Doors to take specialised Ironmongery

Management of poor installations

Export - SADC