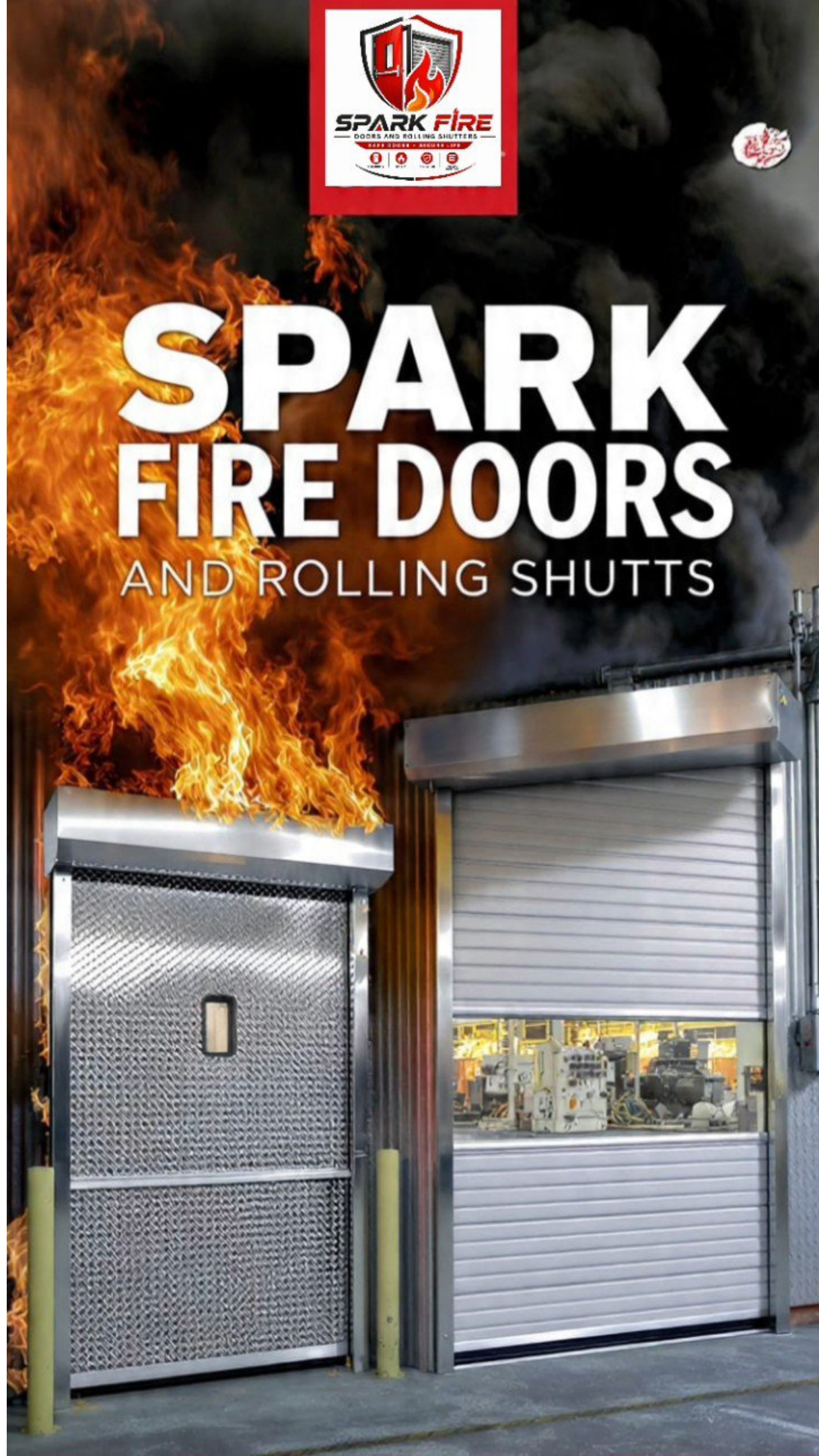




SPARK FIRE DOORS AND ROLLING SHUTTERS



FIRE DOOR



A fire door is a specially designed door that resists the spread of fire and smoke between compartments, helping to protect lives and property during a fire.



PURPOSE

- Prevents the spread of fire and smoke
- Maintains compartmentation
- Provides safe escape time for occupants
- Protects property and reduces damage



FEATURES

- Fire resistant for a specific time (e.g., 60, 90, 120 minutes)
- Self-closing mechanism
- Intumescent seals to block smoke and heat
- Tested and certified as per standards (such as IS 3614 / BS 476)



COMPONENTS

- Fire rated door leaf
- Fire resistant frame
- Intumescent seals
- Fire rated hinges
- Door closer
- Fire rated handle and lock



COMMON APPLICATIONS

- Staircase enclosures
- Exit doors
- Corridor doors
- Electrical / plant rooms
- Compartment walls in commercial and industrial buildings



G.I FIRE RATED DOOR



G.I FIRE RATED DOOR

- Fire Rating: 60/90/120 Minutes
- Material: Galvanized Iron
- Frame: 1.6mm GI
- Finish: : Powder Coated
- Hardware: Fire Rated

GLAZE FIRE DOOR



A glaze fire door is a fire rated door with a glass vision panel that allows visibility between areas while maintaining fire resistance and safety.



PURPOSE

- Prevents the spread of fire and smoke
- Maintains compartmentation
- Allows visibility and natural light
- Provides safe escape time for occupants
- Protects property and reduces damage



FEATURES

- Fire resistant for a specific time (e.g., 60, 90, 120 minutes)
- Clear glazed vision panel for visibility
- Self-closing mechanism
- Intumescent seals to block smoke and heat
- Tested and certified as per standards (such as IS 3614 / BS 476)



COMPONENTS

- Fire rated door leaf
- Fire resistant frame
- Glazed vision panel (fire rated glass)
- Intumescent seals
- Fire rated hinges
- Door closer
- Fire rated handle and lock



COMMON APPLICATIONS

- Staircase enclosures
- Corridor doors
- Office partitions
- Electrical / plant rooms
- Compartment walls in commercial and industrial buildings



ELECTRICAL SHAFT



An electrical shaft is a vertical enclosed space designed to house and protect electrical cables, wires, and equipment, ensuring safe distribution of power throughout the building.



PURPOSE

- Protects electrical cables and wiring
- Provides a safe route for power distribution
- Prevents damage from fire, moisture and mechanical impact
- Helps in easy maintenance and inspection



FEATURES

- Fire resistant construction
- Enclosed and secure access
- Proper ventilation (if required)
- Labeled and easy to identify
- Compliant with electrical and fire safety codes



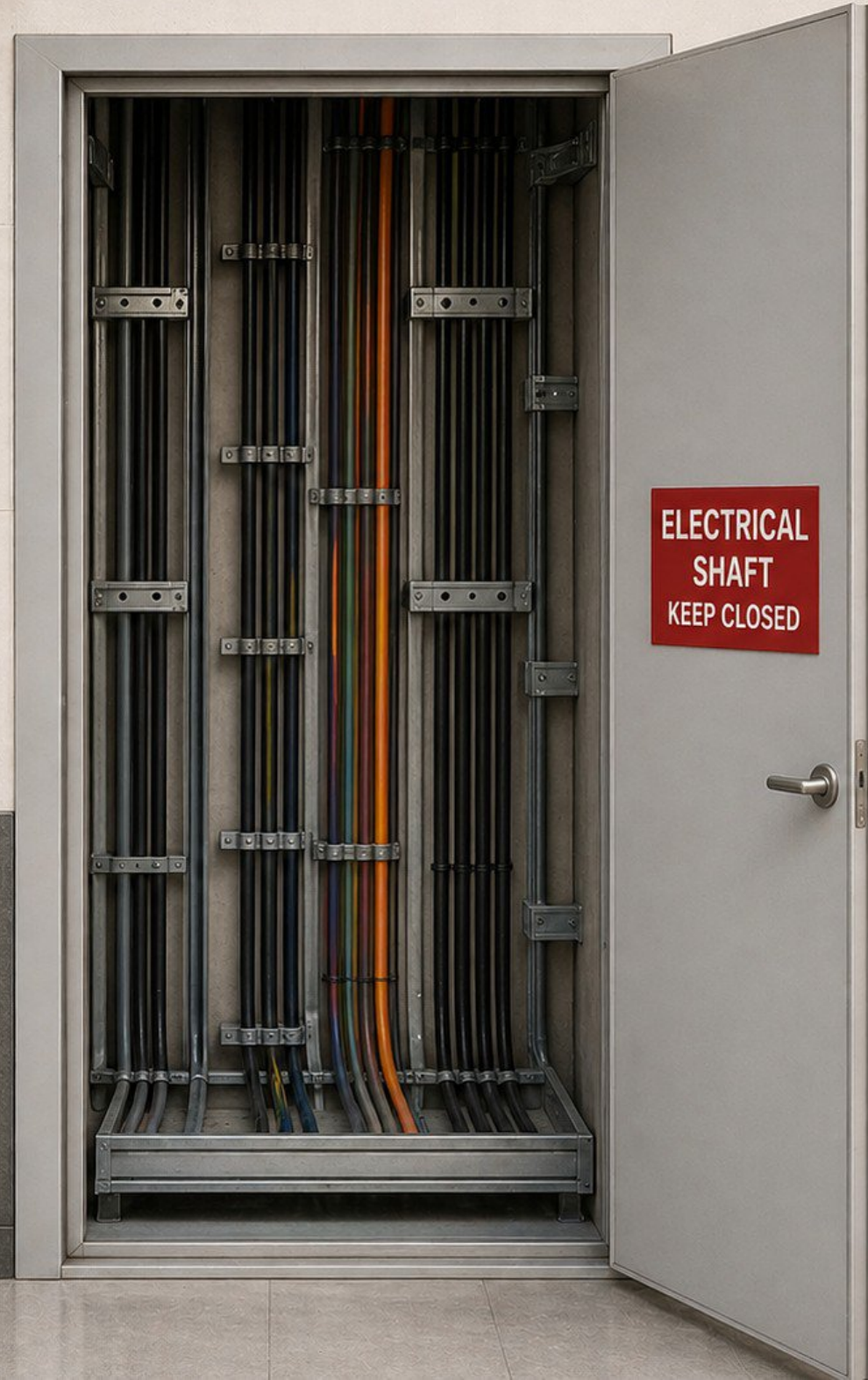
COMPONENTS

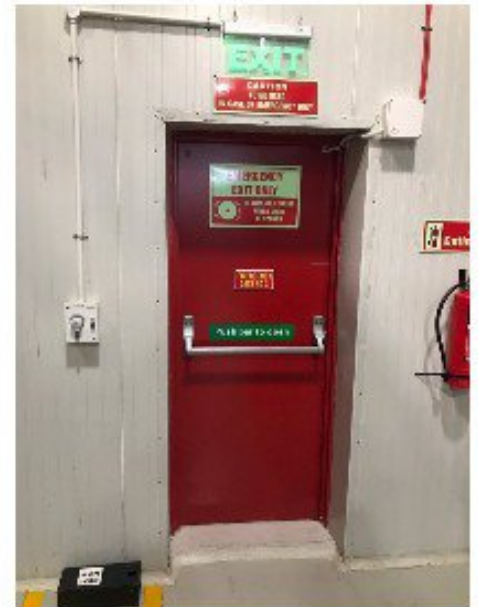
- Electrical cables and wires
- Cable supports and trays
- Fire stopping / sealing materials
- Access door / inspection panel
- Earthing and bonding system



COMMON APPLICATIONS

- High-rise buildings
- Commercial complexes
- Hospitals and hotels
- Industrial and manufacturing units
- All multi-storey and commercial buildings





FIRE RATED ROLLING SHUTTER



Our Fire Rated Rolling Shutter is designed to compartmentalize buildings and prevent the spread of fire, smoke and heat. It provides reliable protection, life safety and property security while ensuring smooth operation during normal use.

KEY FEATURES



FIRE RESISTANCE

Tested & Certified for 2 / 3 / 4 Hours fire resistance (EN 1634-1 / BS 476 Part 22)



QUALITY CONSTRUCTION

Made from galvanised steel slats with intumescent material for superior strength and fire protection.



RELIABLE OPERATION

Tested for durability and smooth operation with manual or motorized options.



SAFETY FIRST

Automatically closes in case of fire alarm or power failure (Fail Safe / Fail Secure options available).



LOW MAINTENANCE

Built for long term performance with minimal maintenance requirements.

APPLICATIONS



Commercial
Buildings



Industrial
Facilities



Malls &
Retail Spaces



Hospitals



Parking
Areas



FIRE RATED
2 / 3 / 4 HOURS



TESTED & CERTIFIED
EN 1634-1
BS 476 PART 22



COMPLIANT
TO INTERNATIONAL
STANDARDS



HIGH DURABILITY
& RELIABILITY

Protecting Lives. Safeguarding Property.

FIRE RATED ROLLING SHUTTER

PROTECTING LIVES, SAFEGUARDING PROPERTY

Our Fire Rated Rolling Shutter is engineered to compartmentalize buildings and prevent the spread of fire, smoke and heat. It provides reliable protection, life safety and property security while ensuring smooth operation during normal use.



FIRE RESISTANCE

Tested & Certified for 2 / 3 / 4 Hours
Fire Resistance (EN 1634-1 / BS 476 Part 22)



QUALITY CONSTRUCTION

Made from high quality galvanized steel with intumescent material for maximum fire protection.



RELIABLE OPERATION

Tested for durability and smooth operation with manual or motorized options.



SAFETY FIRST

Automatically closes in case of fire alarm or power failure (Fail Safe / Fail Secure options available).



LOW MAINTENANCE

Built for long term performance with minimal maintenance requirements.



INDUSTRIAL
FACILITIES



SHOPPING
MALLS



HOSPITALS



HOTELS



COMMERCIAL
BUILDINGS



PARKING
AREAS



AIRPORTS



FIRE RATED
2 / 3 / 4 HOURS



TESTED & CERTIFIED
EN 1634-1
BS 476 PART 22



**COMPLIANT TO
INTERNATIONAL
STANDARDS**



**HIGH DURABILITY
& RELIABILITY**



**SMOOTH &
SILENT OPERATION**

**IDEAL FOR
APPLICATIONS**



FIRE SAFETY IS NOT
AN OPTION, IT'S A NECESSITY.



FIRE RATED
2/3/4 HOURS



EN 1634-1
CERTIFIED



BS 476
PART 22



QUALITY
ASSURED



RELIABLE
PROTECTION

**SAFE BUILDINGS
STRONGER FUTURE**

FIRE RATED ROLLING SHUTTER



FIRE SAFETY YOU CAN TRUST

Our Fire Rated Rolling Shutter is designed to compartmentalize buildings and prevent the spread of fire, smoke and heat. It provides reliable protection, life safety and property security while ensuring smooth operation during normal use.

KEY FEATURES



FIRE RESISTANCE

Tested & Certified for 2 / 3 / 4 Hours fire resistance (EN 1634-1 / BS 476 Part 22)



QUALITY CONSTRUCTION

High quality galvanised steel slats with intumescent material for superior strength and fire protection.



RELIABLE OPERATION

Tested for durability and smooth operation with manual or motorized options.



SAFETY FIRST

Automatically closes in case of fire alarm or power failure (Fail Safe / Fail Secure options available).



LOW MAINTENANCE

Built for long term performance with minimal maintenance requirements.



FIRE RATED
2 / 3 / 4 HOURS



TESTED & CERTIFIED
EN 1634-1
BS 476 PART 22



COMPLIANT TO
INTERNATIONAL
STANDARDS



HIGH DURABILITY
& RELIABILITY

APPLICATIONS



Commercial
Buildings



Industrial
Facilities



Malls &
Retail Spaces



Hospitals



Parking
Areas



Airports



Hotels



Warehouses



PROTECTING LIVES.
SAFEGUARDING PROPERTY.

Roller Shutter Technical Breakdown

A breakdown of all relevant parts for a roller shutter door, many of these parts are checked during maintenance incase emergency repairs are required.



Guides - Guide channels manufactured from 3mm steel, width according to size of opening.

Bottom Rail - Inverted "T" bottom rail assembly made from 1.6m Galvanised steel

Guide Angles - Either 75 x 50 x 6mm or 100 x 65 x 6mm steel angles painted.

Curtain - 76mm single skin scrolled lath. Thickness dependent on size of opening sizes and wind load. Galvanised as standard.

Barrel Assembly - Steel tube housing counterbalance spring. All chain operated roller shutters will have anti fall brake as standard to comply with the latest regulations

Hood - Optional install hood to cover barrel assembly

ROLLING SHUTTER



A rolling shutter is a durable and space-saving closure made of horizontal slats that roll up or down to secure openings and protect property.



PURPOSE

- Secures openings and prevents unauthorized access
- Protects against theft, vandalism and harsh weather
- Provides privacy and safety
- Suitable for commercial, industrial and residential use



FEATURES

- Strong and durable construction
- Smooth and easy operation
- Space-saving design
- Low maintenance
- Available in manual and motorized options



COMPONENTS

- Horizontal slats
- Guide channels
- Barrel / roller
- Bottom rail
- End locks
- Manual or motorized operation system



COMMON APPLICATIONS

- Shop fronts and malls
- Warehouses and factories
- Garages and parking areas
- Storage areas
- Industrial and commercial buildings





SPARK

FIRE DOORS AND ROLLING SHUTTERS

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