

Smoke and Fire Curtains

Digah

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HOUSE EMPIRE CONSTRUCTION&FURNISHING CO.,LTD

Company Introduction

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Guangzhou House Empire Construction&Furnishing Co., Ltd. is a comprehensive and professional company integrating R & D, production, sales, installation and service with strong technical force, advanced production equipment, sound quality control system, skilled professional installation team & after sales service. We're the manufacturer with decades of experience in producing doors and windows, located in Guangzhou of China, which includes aluminium roller shutters, galvanized steel or stainless steel roller shutters, polycarbonate rolling shutters or lateral sliding folding shutters, fire rated shutter or fire smoke curtain, insulated overhead sectional garage door or glass garage door, industrial doors of lifting overhead door and high speed door, etc.

As a local doors and windows supplier, we had good opportunity to participate in the construction and building of our city, such as Airport of Guangzhou and Beijing, Guangzhou South Railway Station, Canton Tower and Aeon Super Mall etc. And also help to give solutions to customer's own house project. In the past decades of years, we have accumulated rich experience in production and installation. And in the meantime, we have also constantly collected various problems and questions, then reported to our rolling door production line to find the solutions and keep on always seeking for improvements. Thus, for the demand of rolling shutter doors in overseas markets, we have enough confidence in providing customers with right and good products.

We uphold the development concepts of professional, innovative, sincere, and efficient, focusing on product characters of art, aesthetics, safety and durability, to concentrate on creating high-quality fashion life for you and sincerely provide you with a satisfactory service.

Our products are applicable to business centers, industrial and mining enterprises, large exhibition halls of science and technology, government agencies, villas, hotels, shops, malls and various of buildings. Perfect product quality, excellent after-sales service and competitive price will give you full satisfaction.

Whatever your security shutter requirements, our team will guide you to the best solution.

GUANGZHOU HOUSE EMPIRE
CONSTRUCTION&FURNISING CO., LTD



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We have developed a wide range of fire and smoke curtains to protect every type of building application. From protecting means of escape and boundary protection to provide a building with a system that offers effective fire and smoke compartmentation.

Steel Fireproof Roller Shutter Doors:

Product Name	Curtain Type	Fail Safe	Housing Type	Fire Resistance
PPGI Fire Protective Curtain SL	Automatic	yes	Single unit	1-2 hours
			Multi unit	
SUS Fire Protective Curtain SL	Automatic	yes	Single unit	1-2 hours
			Multi unit	
PPGI Fire Protective Curtain DL	Automatic	yes	Single unit	Over 3 hours
			Multi unit	



Descriptions:

Description	PPGI Fire Protective Curtain SL	SUS Fire Protective Curtain SL	PPGI Fire Protective Curtain DL
Material	0.8/1.0/1.2/1.5mm thk Steel	0.8/1.0/1.2/1.5mm thk Stainless Steel	0.8mm thk PPGI+ rock wool+0.8mm thk PPG
Color	Original/Beige/Custom	Original	Original/Beige/Custom
Structure	Single layer	Single layer	Double layers
Max. Width	7.5m	7.5m	12m
Max. Height	8m	8m	8m
Orientation	Vertical	Vertical	Vertical



The composite steel fireproof shutter is made of special processing, combining with the intelligent characteristic of modern industrial and civil architecture. Its quality reaches the international standard, fire rated time can be over 3 hours.

It is applicable the separation of corridor, open staircase, escalator, fire prevention and anti-theft in all kinds of industrial and civil buildings.



Our fire and smoke protective curtains offer various solutions to architects, engineers, consultants and specifiers providing the ability to design complex buildings with open spaces in compliance with building regulations

Fabric Fire Protective Curtains(Fabric fire roller shutters):

Product Name	Curtain Type	Fail Safe	Housing Type	Fire Resistance
Inorganic Fabric Fire Protective Curtain ST	Automatic	yes	Single unit	Up to 3 hours
			Multi unit	
Double Track Double Curtains Inorganic Fabric Fire Protective Curtain DTDC	Automatic	yes	Single unit	Over 3 hours
			Multi unit	
Double Track Double Curtains Stacked Inorganic Fabric Fire Protective Curtain DTDCS	Automatic	yes	Single unit	Over 3 hours
			Multi unit	

Advantages:

- 1.Soft texture, good curling performance, high tensile strength, corrosion resistance and moisture resistance.
- 2.The rolling shutter has the advantages of small volume, small space occupation and light weight which can reduce the load bearing capacity of the building, especially for the manufacture and installation of large-span shutter doors.
- 3.No need for water spray protection, reducing the investment and occupying space of the water spray system.
- 4.Flexible start, low noise and reasonable structure. The appearance of shutter surface can be decorated.
- 5.The opening and closing of rolling door can be linked with fire control center, and it can also be self-contained,and it can be opened and closed by functions.

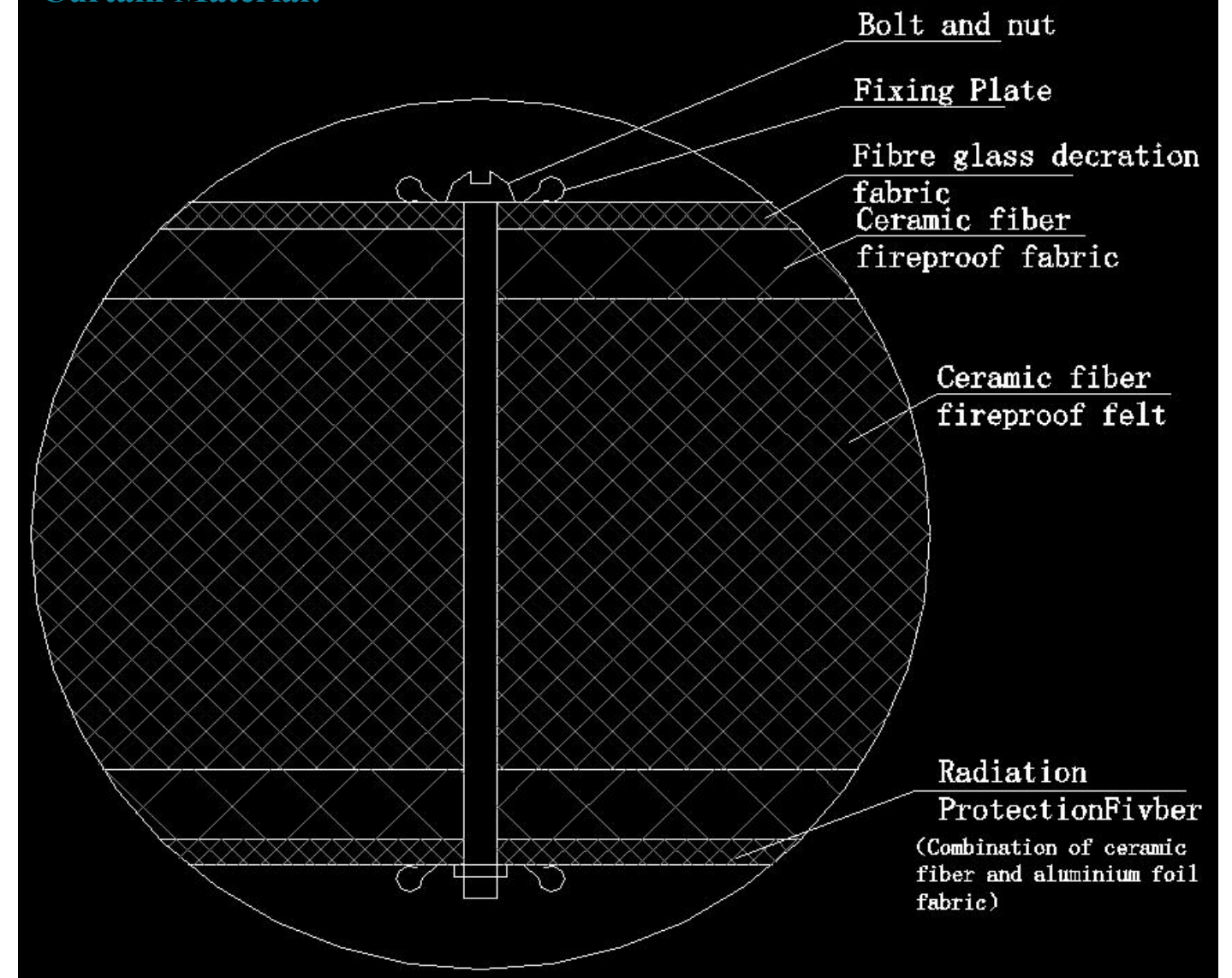
Description	Inorganic Fabric Fire Protective Curtain ST	Double Track Double Curtains Inorganic Fabric Fire Protective Curtain DTDC	Double Track Double Curtains Stacked Inorganic Fabric Fire Protective Curtain DTDCS
Material	Four Layers as picture	Four Layers as picture	Four Layers as picture
Color	Blue/Grey	Blue/Grey	Blue/Grey
Structure	Single pair of tracks	Double pairs of tracks Double Curtains	Double pairs of tracks Double Curtains(Stacked)
Max. Width	14m	14m	No limitation
Max.Height	9m	9m	9m
Orientation	Vertical	Vertical	Vertical

Features:

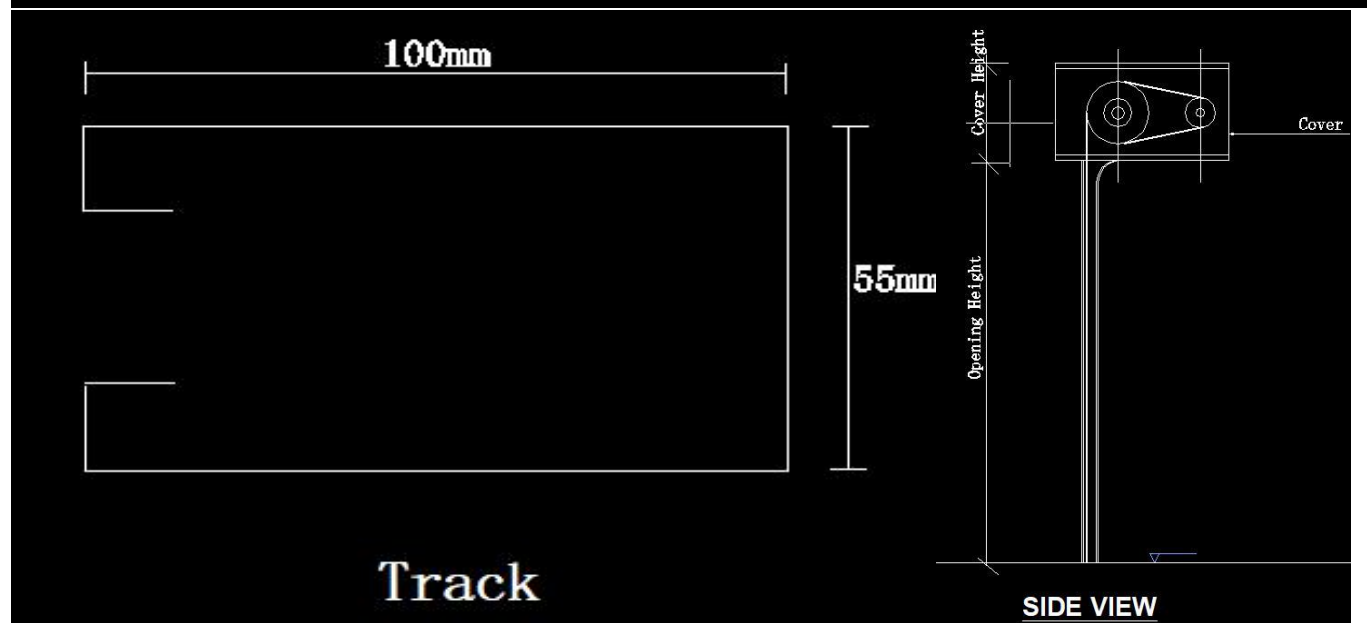
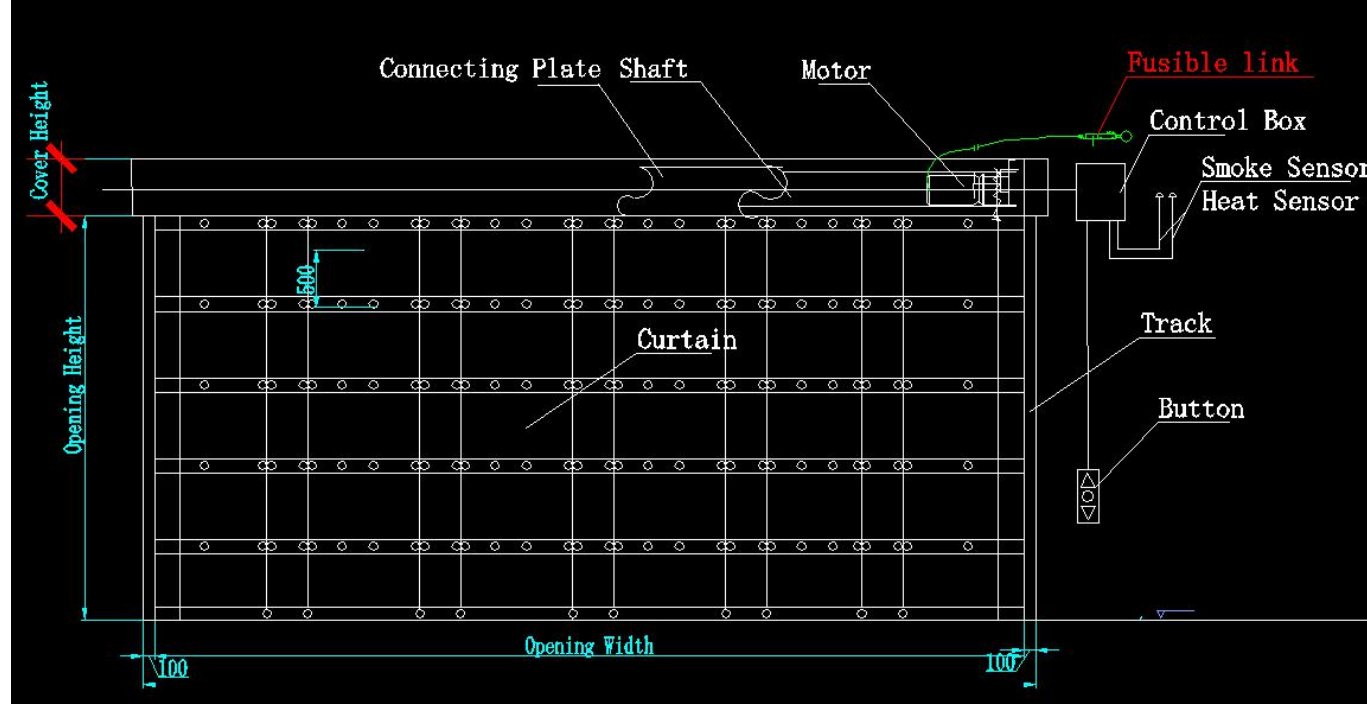
1. Unexposed surface temperature:≤80°C; 36-50°C, 50-80°C;
2. Fall Down Speed By Self- Weight:≤9.5m/min;
3. Working speed:2m/min-7.5m/min Adjustable.



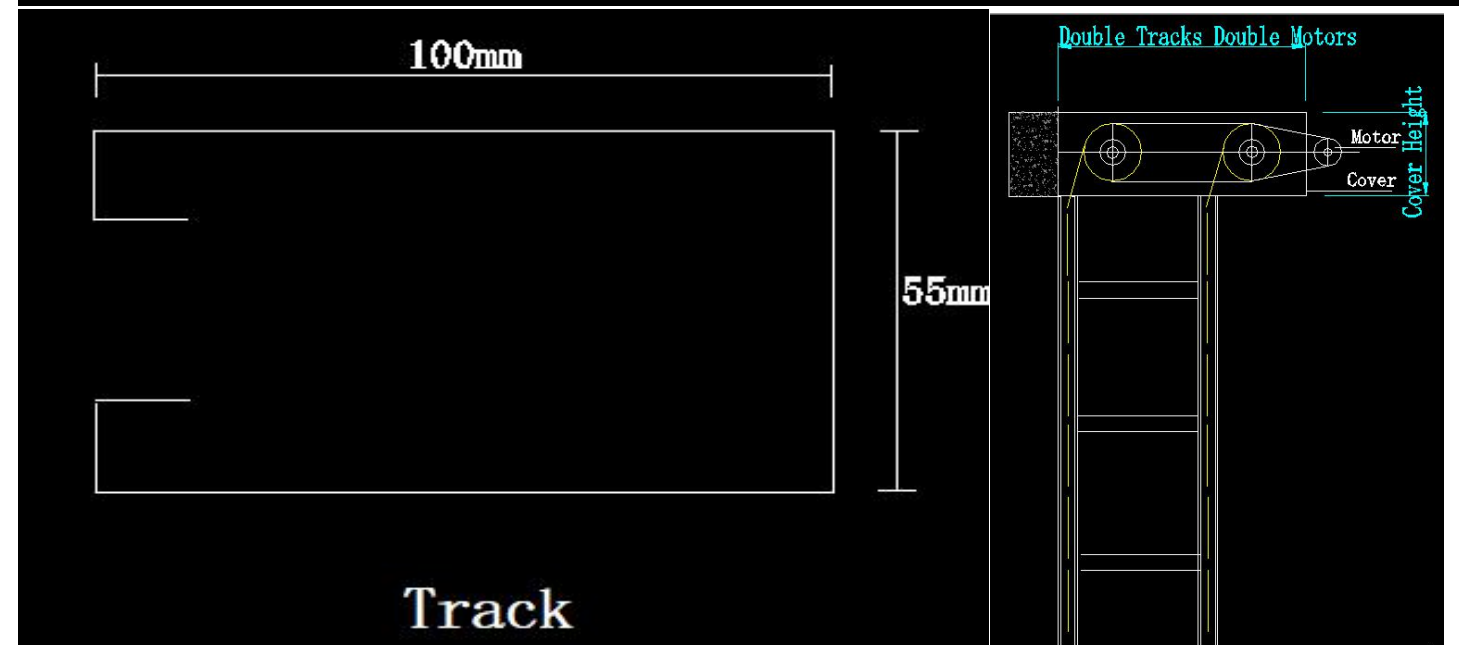
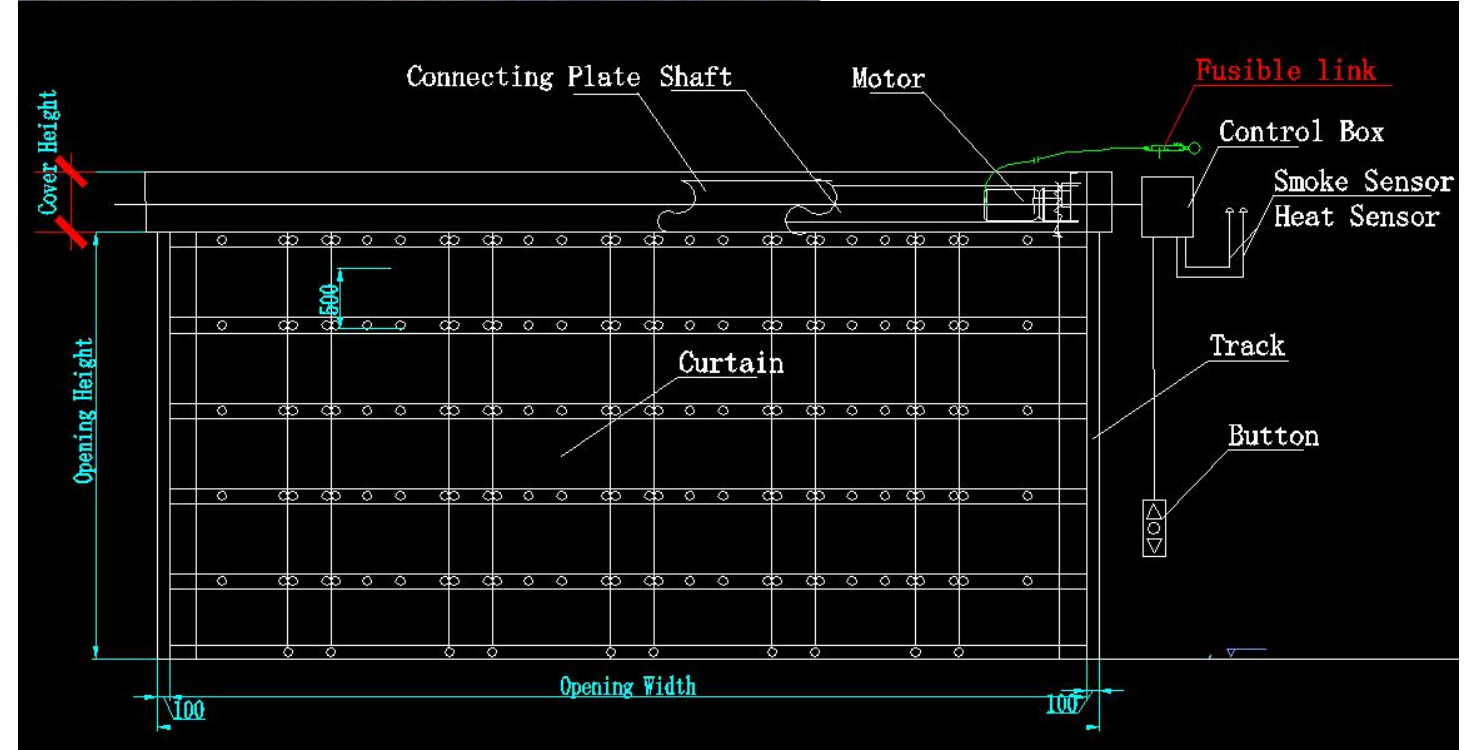
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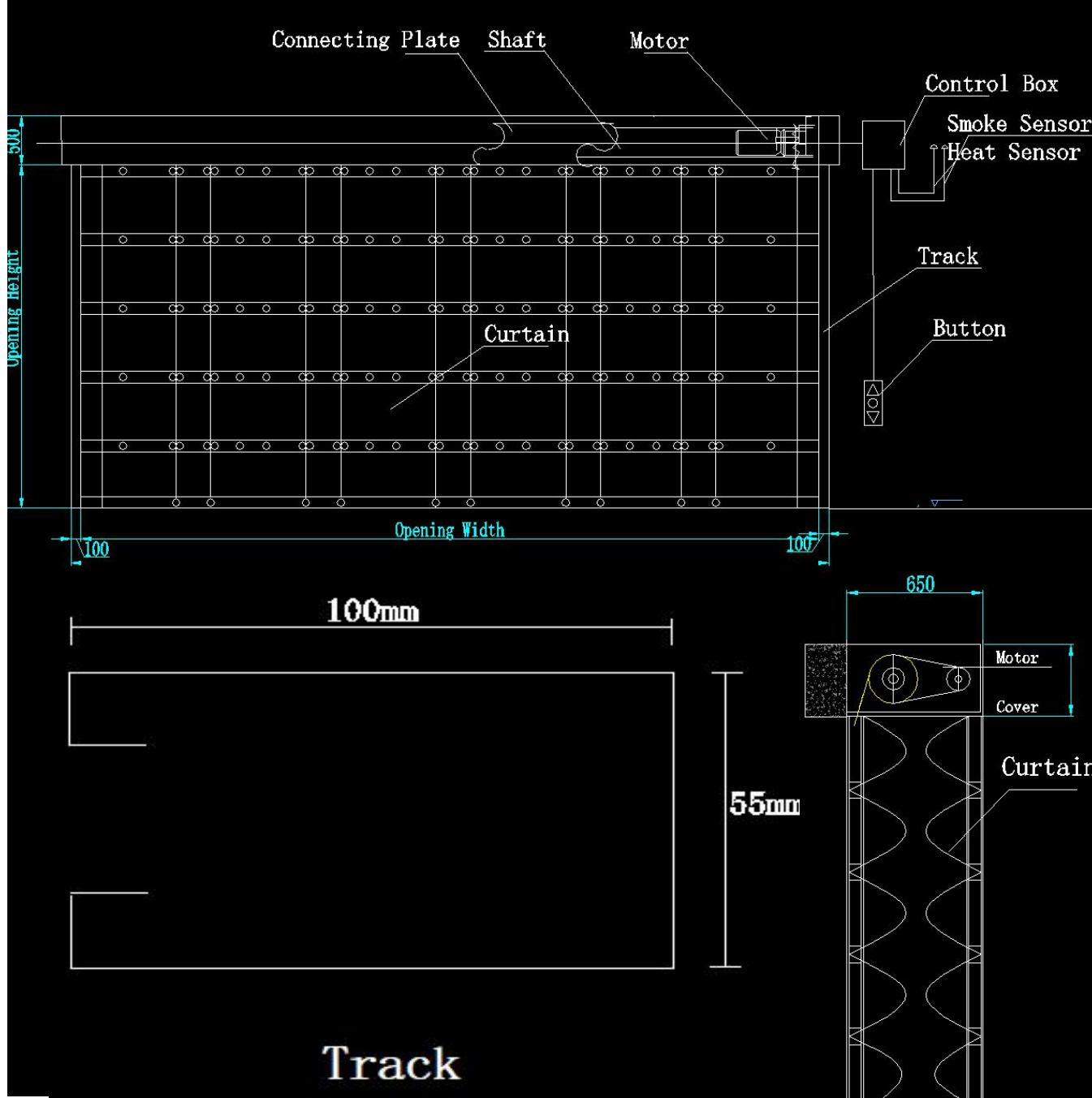


Inorganic Fabric Fire Protective Curtain ST



Double Track Double Curtains Inorganic Fabric Fire Protective Curtain DTDC





FIBERGLASS
FIRE/SMOKE
CURTAIN
ROLL-UP DOOR

Fiberglass/E-Glass *Diyah*

FIREPROOF

QUICK INSTALL

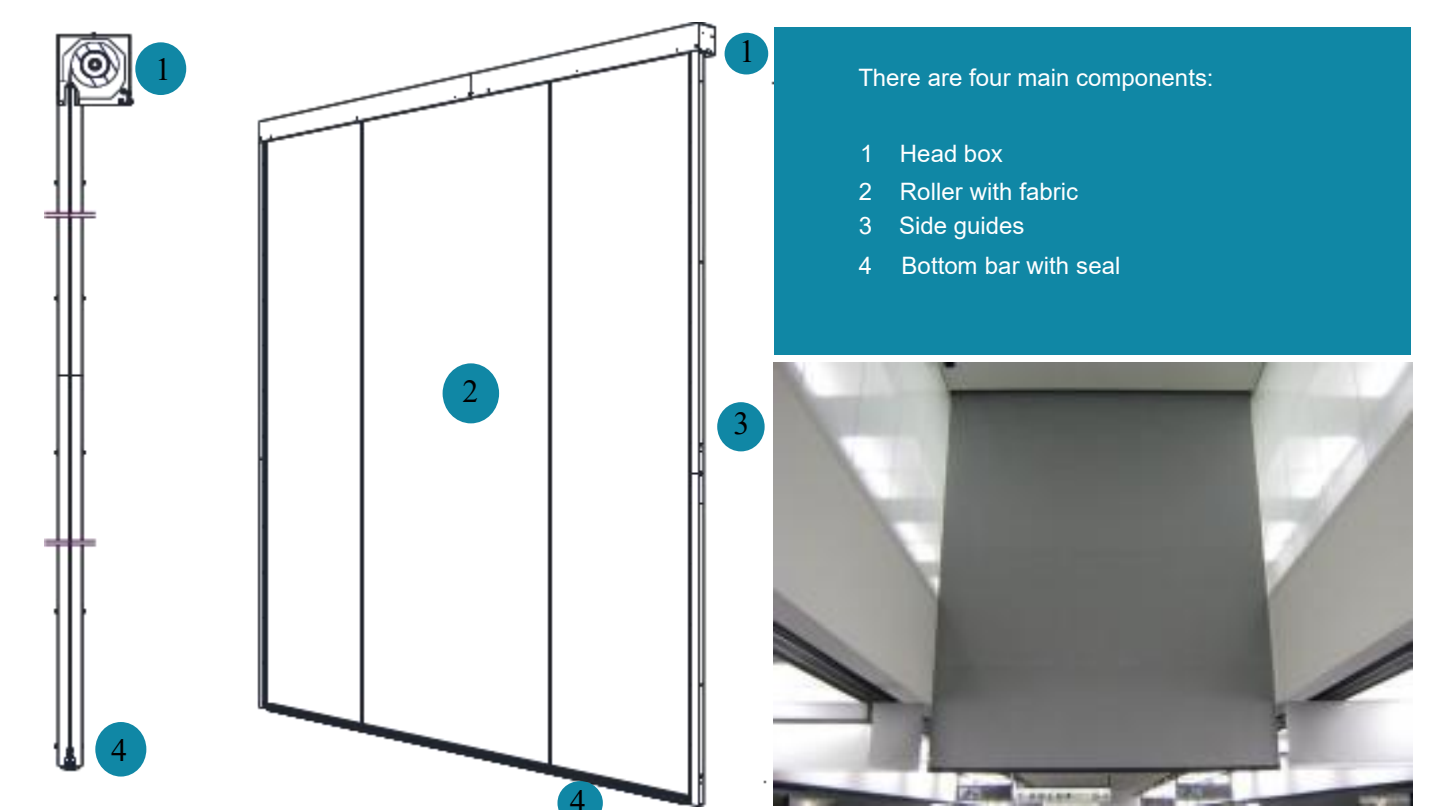
LIFETIME DURABILITY

DURABLE

ROLL-UP DOOR MANUFACTURE

Automatic smoke curtains are an essential safety component, designed to protect life and help save lives, by containing and stopping the spread of superheated fire and noxious gases.

Smoke Curtain Heavy Fiberglass Fabric (Fire Rate Up To 1200°C)			
Thickness	Fabric Specification (Wide*Length)	Color	Cloth Breaking Strength (N/50mm)
0.25mm	1250mm*50m	Gray	Warp 830; Weft 800
0.4mm	1200mm/1550mm*50m		Warp 2200; Weft 1400
0.45mm	1200mm/1550mm*50m		Warp 1900; Weft 1550
0.7mm	1200mm/1550mm*50m		Warp 1850; Weft 1500
0.8mm	1200mm/1550mm*50m		Warp 3000; Weft 2900



Applications:

ATRIUM, LOBBIES & RECEPTIONS



Prevent the spread of smoke and fire from one to floor to another in an atrium with Horizontal or Concertina curtains or protect lobbies and receptions using vertical fire shutters or stacked fire shutters and smoke curtains.

OPENINGS IN WALLS



Fire curtains and smoke curtains can be used to replace non-load bearing walls and fire rated glazing offering open plan designs that still meet fire regulations.

COMPARTMENTATION



Our full range of fire shutters and smoke curtains can be used to create compartments to contain fire and smoke and prevent it from spreading. The product range is used particularly in this instance in large open spaces in buildings.

LIFTS AND LIFT LOBBIES



Our knowledge of the regulations protecting lifts and lift lobbies has led to the development of a range of vertical fire shutters with smoke control approved to protect the spread of fire and smoke through lift shafts.

EGRESS & CORRIDOR SEPARATION



Protect escape routes for mass evacuation. The fire shutter and smoke curtain allow egress through a compartment that contains smoke. It offers the capability to split deployment to encourage safe evacuation psychology where assemblies cross potential escape routes.

BOUNDARY PROTECTION



Smoke curtains are an approved alternative to fire shutters, fire rated glazing and firewalls whilst protecting windows from channeling fire and preventing the spread of fire from one building to the next.

STAIRS AND ESCALATORS



Open up stairwells or protect escalators by using Vertical or Concertina fire shutters and smoke curtains. The Concertina product has been used to fully encapsulate stairs or escalators to allow open plan designs, replacing fire doors and lobbies.

PROTECTED MEANS OF ESCAPE



Our commitment to advancing fire fabric technology has led us to develop a range of insulating zone fire shutters and smoke curtains that provide architects and fire engineers with a non-invasive, protected means of escape, in accordance with fire regulations.