FIRO BLOCK
fire stops here

FIRE CURTAINS

The Future Of Passive Fire Protection



BS EN 1634-1 EN 13501-2 Fire rating - 120 & 240 mins

firoblock.com

FIRO BLOCK

FiroBlock Fire Curtains

Intelligent Fire & Smoke Curtain Systems. Built to Last.

FiroBlock is the flagship fire protection brand of Super Creations Interiors & Exteriors Pvt Ltd., delivering advanced passive fire protection solutions across India.

We specialise in high-performance fire and smoke curtain systems designed to compartmentalise large open spaces, control smoke spread, and protect lives — without compromising architectural design

Fire Safety Solutions Built To Last

With over 20 years of project expertise, trusted by leading developers such as Sattva, Brigade, Prestige, and Raheja, FiroBlock stands for:

- Superior system quality
- Reliable delivery
- 24/7 service support

Manufactured in our Hyderabad facility FiroBlock represents dependable, Made-in-India fire safety innovation.



Core Technology & Applications of Fire Curtains Systems



Fire & Smoke Control

As per the National Building Construction Standards (NBCS) of India and other international standards, large spaces with functional occupancy are required to be compartmentalised beyond specified floor areas. Compartmentation is essential to limit the spread of fire and smoke and to maintain life safety within a building.

Where conventional fire-rated partitions are impractical due to access, visibility, or functional requirements, and active systems may be insufficient, FiroBlock fire and smoke curtains provide effective compartmentation. These curtains serve as concealed fire barriers, integrated with the fire alarm system/BMS or operated independently.

System Operation

In the event of a fire, FiroBlock fire curtains are automatically activated by the building's fire alarm system or building management system quickly deploying to form a robust, fire-resistant barrier. These curtains protect unaffected areas for at least 2 hours, allowing safe evacuation and containing fire and smoke. FiroBlock systems undergo rigorous testing and certification to ensure reliable performance in critical applications.

Our Approach

FiroBlock demonstrates a commitment to engineering excellence through state-of-the-art manufacturing facility, rigorous certification, and seamless site services. The company provides construction teams with precise tools designed to compartmentalise and neutralise fire hazards. FiroBlock aims not only to comply with industry standards but also to foster a safer and more enduring built environment.

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Structural Components

Certification

FiroBlock Fire Curtains are tested and certified in accordance with the following international standards:

BS EN 1634-1: Fire resistance tests for up to 120 & 240 mins

EN 13501-2 : Fire tests on building materials.

These standards establish the test methods and performance criteria for fire curtains, validated through 2 & 4-hour fire exposure at temperatures exceeding 1,029°C.

1 Curtain Fabric Assembly

Multi-layer fire-rated textile with reinforced seams.

2 Roller Mechanism

Steel roller tube with tubular motor and fail-safe brake.

3 Headbox Housing

Compact enclosure for concealed installation, available in single- and double-barrel configurations.

4 Bottom Bar/Rail

Weighted bottom profile that ensures controlled descent, proper alignment, and continuous fire and smoke seal at floor level.

5 Side Guides

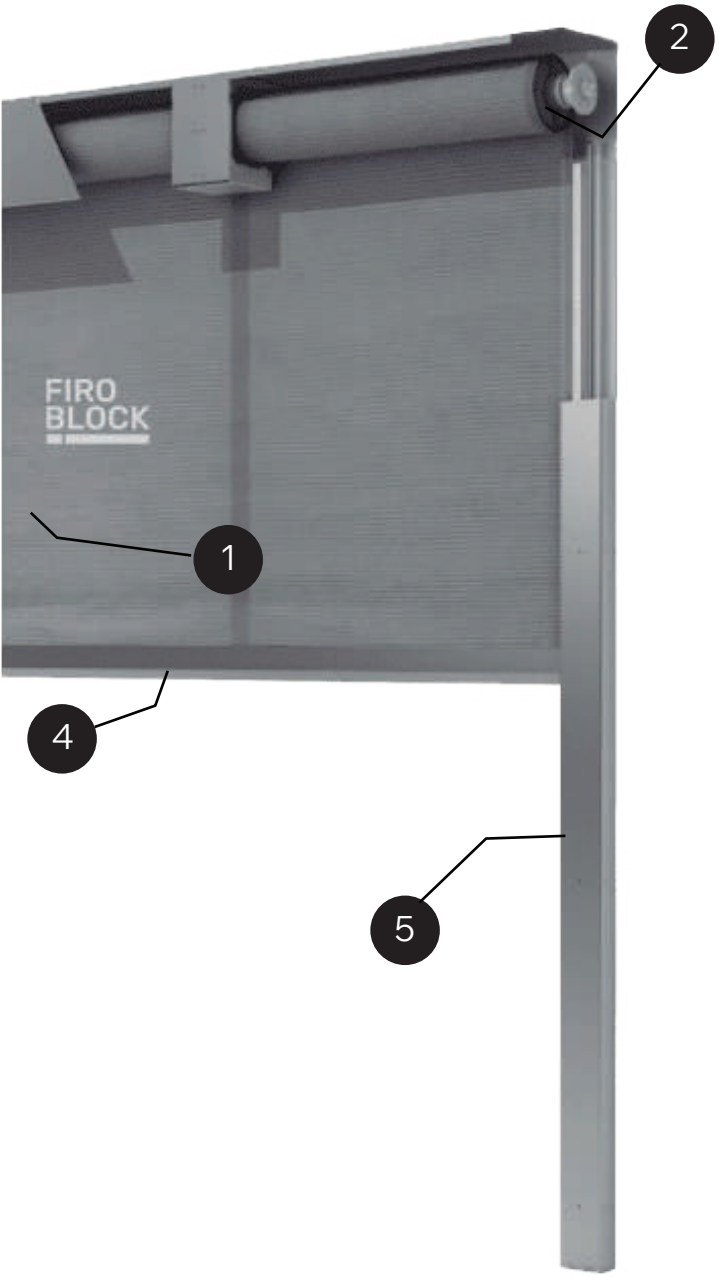
Ensures controlled descent and integrity during deployment.

6 Motor and Control Panel

The motor keeps the fabric retracted, and the control panel is coordinated with the fire alarm system and fire curtain system

They are provided with a battery backup in case of power failure, or can be made to fall under gravity in a full power failure situation.





Technical Specifications

Application
Compartmentation

Fire Resistance
120 min and 240 min

Fabric Material
Fibreglass with stainless steel core

Operation Type
Gravity-fail-safe motorised

Activation
linked to a fire alarm or a manual switch/BMS

Power Supply
230V AC / 24V DC backup up to 120 mins

Control Panel
FiroBlock FCU-01

Finish Options
Powder-coated headbox and custom made on request

Configuration
Single Barrel for width up to 6m & Multi Barrel for unlimited width

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Mounting Options

Face-fixed, soffit-fixed, or recessed installation.

Activation

Automatic deployment upon fire alarm signal /BMS or manual override.

Fail-Safe Mechanism

Gravity deployment which ensures curtain closure during power failure.

Reset

Manual or automatic retraction after alarm reset.

Maintenance

Annual inspection and testing recommended for compliance.

AMC / Service calls

Based on emergency



Installation and Operation



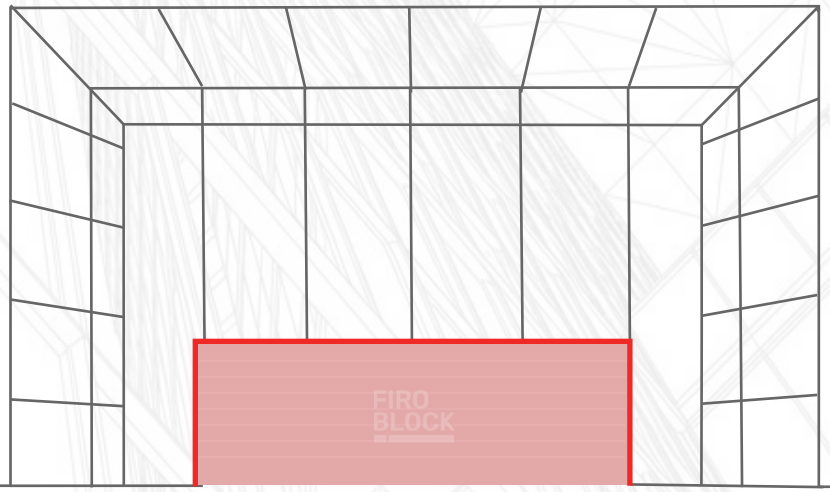
Areas of Application

- Commercial buildings and shopping centres.
- IT Industry / Tech parks.
- Airports and transportation hubs.
- Hospitality and healthcare facilities.
- Industrial plants and warehouses.
- Theatres, auditoriums, and public venues.
- Residential complexes and high-rise buildings.

FIRO BLOCK
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Protect life and preserve property with

certified fire-stopping systems you can trust



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