



**MSME**  
MICOR, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम



# Fire & Smoke Curtains

Lightweight, sleek design,  
very little storage space.  
Flexible solution for a diverse  
range of applications

**sehgal**doors

DOORS >>> WINDOWS >>> WALLS >>> CANVAS



Technology Transfer From  
**CSIR** Council of Scientific and  
Industrial Research

**CENTRAL BUILDING RESEARCH INSTITUTE (CBRI)**



**FIRE RETARDANT &  
WATER REPELLENT CANVAS**

**NATIONAL PHYSICAL LABORATORY (NPL)**



**ACOUSTICAL LIGHTWEIGHT  
INTERIOR DRY WALL PANEL FOR  
HIGH SOUND INSULATION**

# AN OVERVIEW

Fire protection is a major concern for any building designers or architects. In that regard choosing the right fire protection products for your application is very necessary.

We have a vast range of fire proof doors to cater to all private, public and industrial needs.

Our fire Rated doors are designed to provide stability and integrity for up to two hours during a fire accident. These fire proof doors are constructed from high grade steel and tough components that do not wear and tear easily.

## Growth is the standard norm at Sehgal Doors

The values and principles that guide Sehgal Doors were founded by our parent organization - Sehgal & Sehgal Industries in 1965, started as a Pressed Steel Frames & Furniture manufacturing and development centre with a handful of technicians and engineers - to quickly expand and position itself as a market leader.

Sehgal Doors was Set-up as a corresponding business entity in 2012, through our sustained innovation, service- orientation and commitment to deliver nothing but top-notch products.

In just few years, we have established a strong network of sales, service engineers and satisfied customers.

Thus our customer retention rate is among the highest in the industry.

## COMPANY

The reasons for our spectacular/rapid growth are not difficult to guess. As a family always been able to customize our service to our accommodate their needs. We partner with them, every step of the way in manufacturing doors that are unmatched in:

### **Elegance • Strength • Utility • Design**

Creating new benchmarks, an exciting range of products the highest level of satisfaction in our team of engineers, designers and door craftsmen. The strength of our doors comes both from the design and the materials used in their fabrication. We design our products to withstand extremes related to:

- Environmental protection against wind, heat, cold, dust
- Security against forced, unauthorized access
- Highest level of safety
- Sound-control
- Fire resistance

Whatever be the nature of your business, Sehgal Doors has a solution to match every need and purpose

# TEAM SEHGAL DOORS

*A Very Strong Chain of Committed Employees*

The driving force behind Sehgal Doors exceptional product quality and service is over handsome number of efficient & well-trained employees. Our nationwide Sales, service teams, our employees carry on our proud tradition of delivering 100% customer satisfaction anywhere within the country.

Sehgal Doors was founded with a strong commitment to quality, integrity and service. These principles founded by our principal company are the foundation of Sehgal Doors even today and living with these core values is as essential to our success today, as it was in the past.



Our senior management team comprises of professionals, who have sound training in designing, engineering, finance, management, sales and marketing and years of versatile experience in the door in the door manufacturing industry. Dealing hands-on with every aspect of the production process, they are also highly resourceful in their strategic thinking, sales & marketing efforts and 'people management' skills and have, through their sound expertise and years of experience, put Sehgal Doors on a high growth path. Result-driven and highly - motivated, our senior management team is highly quality conscious and keeps a watchful eye on the top and bottom-line growth of the company.

Balancing product aesthetics, with a tech-savvy outlook, they are committed to making Sehgal Doors a frontrunner in producing high-quality, on-time door systems of all kind, and within the client's specified Requirement.



IS STANDARD  
AND  
BS STANDARD



## We invest in building long relationships with our clients

One of the biggest assets of Sehgal Doors is our end users' confidence and trust in our ability, skill and experience in delivering products that match their business needs. Thanks to this level of confidence, our projects architects and consultants encourage us to continue to assist our customers with individual and innovative door solutions of the highest quality. We are proud to be associated with India's quality-conscious industry verticals viz.

# FIRE & SMOKE CURTAIN

Even if you have heard of fire curtains and smoke barriers, it is easy to become confused by the technical specifications and terminology that surround them. We hope to explain in simple language what a fire curtain is and most importantly, why they are needed.

Put simply, a fire curtain is a specially constructed curtain that descends from the ceiling to block an opening and stop fire and smoke spreading between two areas. In larger structures, several fire curtains are used which divide the building into 'fire compartments' when there is a fire.

This is called 'compartmentation' and is a fundamental element of passive fire protection in buildings. It helps to:

- Provide time for people to escape
- Protect escape routes
- Allow time people for firefighting services to arrive
- Protect property

## Structure of a Fire Curtain

A fire curtain is similar to a metal roller shutter in that it descends vertically as it un-rolls from a 'top box', however because a fire curtain is made of a woven fibre glass material, it is much more flexible and compact.

This means a curtain can be more closely fitted within a space and therefore provides much better compartmentation.

The compact construction of fire curtains makes them an ideal choice for lobbies, hatches and stairwells where there is limited space. When included in the design stage of a building, they can be recessed into walls and ceilings leaving a thin slit as the only indication that the curtain is there. There are several types of fire curtain:

## Automatic Fire curtains

Most non-static fire curtains are in fact automatic. They are linked to the fire alarm system so they automatically descend when there is a fire.

## Static Fire Curtains

Also called fixed fire curtains, these curtains are permanently in place and are used to provide compartmentation in open spaces such as warehouses or lofts.



## Insulated Fire Curtains

These curtains provide extra insulation and allow people to pass by much closer to the curtain without being effected by the heat of the fire on the other side.

## Certification and Standards

All fire curtains must be rigorously tested and certified. These standards ensure that the integrity of a curtain will remain for a certain minimum length of time and that they will continue to work in the extreme conditions of a fire.

A fire curtain is used where, if there is a fire, it is necessary to create a temporary barrier within an opening that seals off the area on fire. The curtain descends and prevents any fire and smoke from spreading from one area to another. It also allows people access to protected escape routes without any loss of fire resistance.

## Features and benefits

**No power needed to operate it** - fire curtain unwinds to its operational position under the influence of gravity in a “gravity fail-safe” manner without the need for power.

**Compact and low in weight** - fire curtain is lightweight and compact, which enables it to be installed easily in a place with space constraints such as a false ceiling. Such a roller fire curtain is much more unobtrusive than a roller shutter with a comparable performance.

**Virtually invisible when rolled up** - There are no visible fixings either on the underside of the head box or on the bottom bars. The head box, the bottom bar and the side guides can be powder-coated to a RAL color to blend in with the building.

The guide rails can be easily and unobtrusively recessed into the structure of the building. The head boxes are among the most compact on the market.

**Easy to install and maintain** - A FM-1 fire curtain is delivered in modular form and as such is easy to install. The bottom of the head box is closed off with a panel which also allows the entire length of the system to be accessed for servicing.

**Design service** - We provide a bespoke design service for fire curtains that includes a pre-design service and stress-free project management throughout your project, ensuring the system is up and running perfectly.

**Service and maintenance** - Once your system is installed we offer you peace of mind in the form of total service and parts support through our service division.

For more information relating to the application, specification, and installation and servicing of this product contact us.



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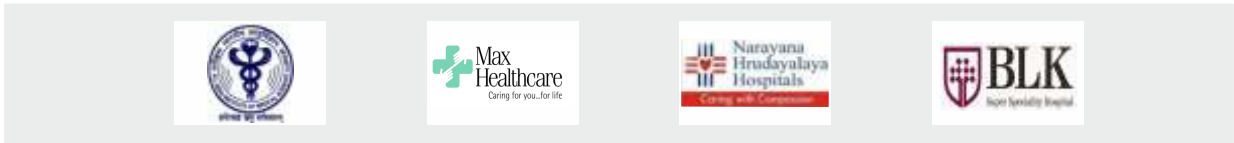
# LIST OF FEW CLIENTS

[www.doors.co.in](http://www.doors.co.in)

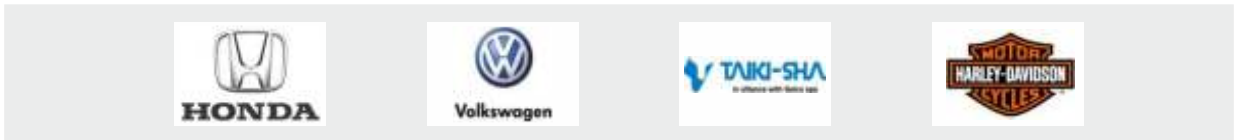
## GOVERNMENT SECTORS



## HOSPITALS



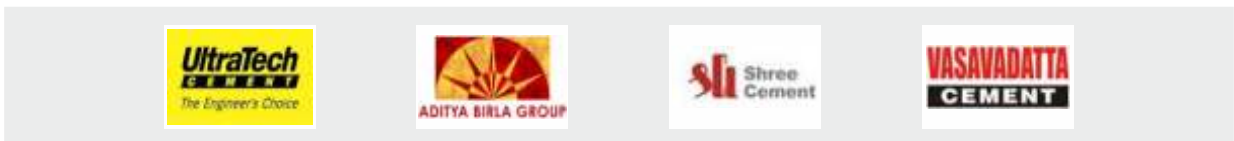
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