

SINGARREL PATENTED DESIGN



TM

OM Fire Curtains



Office Atrium

Walk Through

Single Certain

Working with world renowned company names

is proof in itself of the quality of our products and services.

Know About Fire Curtains

Fire curtains are excellent substitutes for fire door installations, as well as upgrade and replacement requirements. They are hidden on the top of the ceiling and operates when it receives a signal from the fire alarm system. Since it is hidden there is no obstruction of the passage and we can enjoy an open hall way unlike in the case of fire doors.

Fire curtains do not require power mains to deploy. In case if there is a failure in the main power, the fire curtains will operate independently and deploy as directed by the alarm system.

These are easy to install. A light gauge steel frame work is used to install the fire curtain. Penetrations from the fire barrier can be tackled using the fire fly collaring system which ensures the integrity of the fire and smoke barrier is maintained.

What is so Special About OM Fire Curtains.& SINGARREL

- All made to your drawings specifications.
- All non standard sizes made to within 5mm of your specifications.
Slim, lightweight, easy to install and made to measure sizes.
- Up to 2 hour fire resistance.
- Sealed to prevent the passage of fire or smoke.
- 24V operation with battery backup.



Overlap at half

Smoke & Fire Curtains save lives and OM Fire Curtains & SINGARREL are leading the way with the newest PATENTED technologies.

Some of the features of our Patented Fire Curtains & Smoke Curtains

- Can withstand fire up to **1100 degree centigrade & up to 2 hours.**
 - **Not allow smoke to pass through** to save people from Dying.
 - This comes with option of manual as well as **automated operation.**
- They come with battery backup & **fail safe operation.**
- **Emergency retract switch** for easy escape during fire (optional)
 - **Delay drop (optional)** for Airports, malls, cinema halls, and other public places
 - **Gravity Fail safe (optional)** for activation in case of no power & even Central alarm system & battery failure
 - We provide switch for operating it & for automated operation, it is attached to existing smoke detectors & fire alarm.

- We also provide **SELF CLOSING ESCAPE ROUTE, A PATENTED DESIGN** for Airports, malls, Cinema halls etc
- **Easy to Install, Operate & maintain even in existing setup without much renovation work.**

The newest business distribution to Mr. Ashit Padhya stables is that of

OM Fire Curtains & SINGARREL IS STSRUP INDIA & MSME REGISTERED

Again, he is leading the way and has become the first **Fire Curtains** distribution outlet to supply and service **Fire Curtains**, world leading, certificated smoke and fire curtains to the Indian commercial and private market.

We not only offer our customers excellent value for money, which includes our **price match promise** for similar product, but also offer tailor made Fast Track production and installation service if required, 15 to 30 working days if really urgent.

Benefits of Smoke and Fire Curtains.

- Automatically activated by the signal from a smoke or fire detector.
 - Designed to protect people and valuables from smoke and fire.
 - Delayed action and split drop facility options available.
- Fail-safe option available unlike standard shutters.
- Can be lowered daily to conform to local Fire Officer requirements.
Far less wear and tear and less maintenance than steel roller shutters.
 - Can offer far better conductive properties than steel roller shutters.
 - Can incorporate controls to allow the curtains to rise after activation.
 - Look more attractive and do blend into the building structure.
 - More reliable and more adaptable to certain specification

Always Leading

Over the past number of years **OM Fire Curtains & SINGARREL** have invested heavily in new products and services. We are with such names as the very first **NON LINEAR curtains on a single barrel**

Constantly adding to our products portfolio with such names as the very **first NON LINEAR fire curtain & smoke.**

All our products are to the International Standards but we continually strive to improve the quality of our goods.

Our ethos at **OM Fire Curtains & SINGARREL** has always been to provide a good standard of service and to grow our business so that we are recognized for our quality of service throughout India and the world.

Installed Automatic Fire & Smoke Curtain Video links:

_For creating compartments in any large open space in building <https://www.youtube.com/watch?v=XcF8BZsWVhs>

Transformer Room, Gift City, Gandhinagar: <https://www.youtube.com/watch?v=wLqD12j7Lak>

22 Meter Long Curtain on Single Barrel, Singarrel Patented Design: <https://youtu.be/OVfYxAJWDow>

Marks & Spencer – Sanket District Centre – Delhi: <https://youtu.be/oQzNIVZbYLE>

More than 10 meters on Patented - Singarrel Technology, Chandigarh <https://youtu.be/VxwyYEO6Gm0>

More than 10 meters on Patented - Singarrel Technology, beam sensor: https://youtu.be/rur1lWx_m9k

BELOW PLEASE FIND DETAILS OF PATENT

Mr. Ashit Padhya receives key Indian Patent Approvals on 1/7/2020, is pleased to announce that, he has received application approval from Indian Patent office for six designs application for proprietary **Singarrel™** technology. Mr. Ashit Padhya has actively sought six design patents for **automatic fire or smoke curtains for improved and convenient life saving options without affecting performance during fire, energy efficient, economical, space saving and practical system.** The notice of approval has been received from the Indian patent office for the innovative design. **These designs are now protected by these patents and the system is being commercialized.**

We wish to state that the said patent of Mr. Ashit Padhya, director, OMHOSPI AND INTELLICURT, is granted in India The manufacturing, using, selling, trading, importing, dealing with such products that falls within the ambit of the patent protection

The patents were granted following his more than 10 years of practical experience and constantly looking at providing convenient solutions to his customers. The patent grant recognizes Mr. Ashit Padhya's unique, convenient, economical and practical designs. Mr. Ashit Padhya will continue to collaborate closely with his customers and partners to maximize the delivered value to the industry. Jointly we will search for solutions for the future and to bring more beneficial solutions.

Mr. Ashit Padhya's patents covers novel inventive designs including

Capability of extended protection for the width of **more than 8 meters without overlap.**

Compact hood box for even non-linear installation for more than 8 meters.

Self-closing exit route.

Abilities to be customized for non-linear facilities like L-shape, Z Shaped, Zig Zag shaped, square, rectangle and so on.

Prompt closer for the curtains with height of more than 5 meters.

The control panel can be connected to wired or wireless devices which are operated by an end user operating the automated curtain system. The design of wired or wireless device is capable of operating AC and DC both types of motors.

Usually all tubular motors have a maximum run time of 4 minutes. Once, motor runs for 4 minutes, it will not operate for 15-20, as it needs to cool down. Usually most motors have 12-15 Rotations per minute. As per these calculations it can run maximum up to 12 meters and then it will not operate for another 15-20 minutes. As per our granted patented design (point number 5) we can drop this curtain quickly, so it drops in less than 2.30 minutes, so, in case of evacuation, the curtain can be taken up, so trapped people can be evacuated.

We had filed patents for all six new designs 24/3/2019 and it is valid for 20 years from this date.

We as an innovative company offering customized client friendly solutions will continue offering even better solutions.

Animation Videos.

Fire Curtain & Fire Window @ Hospital – Animation <https://youtu.be/gKWrgvuDoGY>

Fire Curtain & Fire Window @ Mall – Animation: <https://youtu.be/7fVBcx5YQIA>

Fire Curtain & Fire Window @ Office – Animation: <https://youtu.be/SHRWD8MKs9g>

Fire Curtain & Fire Window @ Hotel – Animation: <https://youtu.be/ooE7mo4GIHs>

Fire Curtain & Fire Window @ WareHouse – Animation: https://youtu.be/YLqDkQ_ksUo

OM FIRE CURTAINS & SINGARREL: FEW PROJECTS DETAILS SINCE 2008

ITC - Bhadrachalam - 1 curtain 2008
EROS Cinema - Delhi - 3 curtains
Qatar Airways 4 star Hotel at Doha – 5 curtains
LG Electronics – Pune- 3 curtains
Orbit Resort – Gurgaon – 2 curtains
Maheshwari Mall – Hyderabad -7 curtains
Wells Fargo – 6 floors – 44 curtains – 40 meters length
MIMAR – Riyadh – 90 curtains – Installation October'11
Royal Orchid Hotel - Ahmedabad
ITC - Bhadrachalam – 1 curtain – 2013
Nirlon IT Park – Mumbai – 2 curtains 2014
Mainland China – Oberoi Mall – Goregaon – Mumbai – 15 feet high x 35 feet – 2014
Gift City -Gandhinagar –Gujarat – Gift Tower One -5 Curtains – Transformer Room-2015
Wallace Fortuna – Mumbai – 11 curtains – Basement parking – 2015 - 225 Sq. MT
K Raheja - Bldg No.6, Gigaplex (SEZ) – Airoli Mumbai – 8 curtains – Basement Parking - 2015 – 105 sq. MT
K Raheja Corporation - Artesia Residential Tower, Metal Box, Worli – Mumbai – 11 curtains
Basement Parking - 2015 – 220 sq. M
Morgan Stanley-Goregaon- Mumbai –Office Compartmentalization- 24 curtains -2015- 302 sq.MT
CITI Bank – Goregaon – Mumbai - Office Compartmentalization- 8 curtains -2015- 108 sq.MT
Kamala Enterprise – Mumbai – 6 curtains – Basement Parking - 2015 - 90 sq. MT
Ashray Investments – Malad (w) – 1 curtains- 2015 – 17 sq. mt
Sunteck Group, 5 star Hotel BKC - Signature Island- Mumbai- 8 curtain -2015 – 196 sq. mt
Sunteck Group, 5 star Hotel BKC - Signia Isles- Mumbai- 8 curtain -2016– 185 sq. mt
BASF India Ltd. – Green Leaves Project – Turbhe –Mumbai – 66 curtain- 1145 sq. mt
Sunteck Group, 5 star Hotel BKC - Signia Pearl- Mumbai- 6 curtain -2016– 142 sq. mt - Running
Sunteck Group, 5 star Hotel BKC - Signia High Borivali- Mumbai- 6 curtain -2017– 90 sq. mt -
PRL Agastya Private Limited – Mumbai- 72 curtain – 1075 sq. mt – Running Project –Under L & T
Inorbit Mall – Hyderabad – 2 curtain – 30 sq. mt - Running Project
M/s. Make My Trip – Gurgaon – 13 curtain – 198 sq.mt – One curtain is 21.63mtr Length
Rolls Royce @ L3, 9th & 10th Floor,MEBP,Bangalore – 8 curtain & 4 corner units - 80.29 Sq.mt
Subros Limioted –Manesar – Haryana – 8 curtain - 67 Sq.mt – 2017
Avians Innovations Technology Pvt. Ltd. – Pune – 2 Curtain – 22.5 Sq. mt- 2017
K Raheja Corporation - G.D. area, Raheja Vista, Powai Project.– Mumbai – 2 curtains - 2017 – 33.60 sq. M
Microsoft Project –Bangalore – 2018
XILINX – Hyderabad – 22 Meters length on single barrel with self closing escape route -2019
Adi Properties – Mumbai – 9 curtains – 2019
Amazon – New delhi Ware House – 6 curtains – 2019
Reliance Twin Tower – Mumbai – 2 Curtains- 2019
Presidential Tower- Yeshwanthpur - GET-MEP – Bangalore – 100 curtains – 2019
XL Health – Bangalore – 6 curtains- 2019
Marks and Spencers – Delhi – curtains – 2019
E & Y – Hyderabad – 4 Curtains
Optam Gurgaon-180 sq. Mtr -2020
AWAKE ENGINEERING BANGLORE -3 Curtains-2020
Acme interiors Banglore - Mall at mohali -2020
Marks and Spencers – Gurgaon– curtains – 2020

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