



SmokeStop™

AUTOMATIC SMOKE CURTAINS



EVACU8™

THE WALKTHRU™ SMOKE CURTAIN



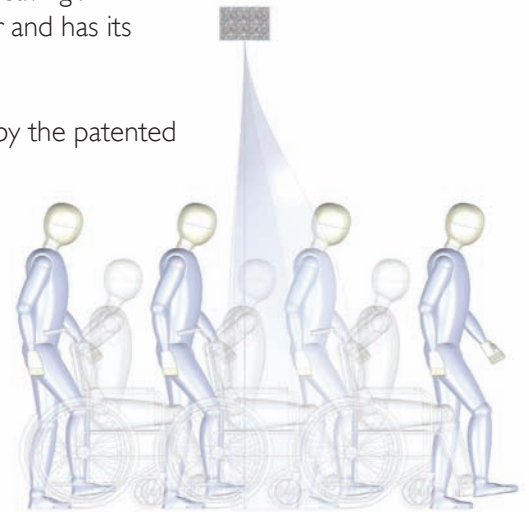
SmokeStop EVACU8™ - Used by RATP: The major transport operator in Paris

WHAT IS THE SMOKESTOP EVACU8 WALKTHROUGH SMOKE CURTAIN?

SmokeStop Evacu8™ is a unique patented bi-roller system which has narrow interweaving / overlapped panels which are only 600mm (24") wide. Each panel overlaps the other and has its own self levelling bottom bar ballast system.

Evacuees can simply walk through the 'strips' which then fall back into place, helped by the patented anti-tangle overlap retention system. The Evacu8™ curtain is also DDA compliant.

- Total Gravity Fail Safe Operation, demanded by legislation and only available fully tested and certified from Coopers
- Patented anti-tangle re-alignment & overlap retention system
- Self levelling bottom bar system to overcome uneven floors
- See through overlaps and 50% translucent panels for safety
- Patented strip retraction system to enable safe, consistent retraction
- Unique mechanical over ride system for Emergency Services (Optional)
- Safety Escape Signage*



HOW DO THEY WORK?

- When activated, SmokeStop Evacu8™ descends in accordance with the machinery directive
- Evacuees can then approach the curtain quickly and safely
- Evacuees can see if anyone is coming the other way
- Approved escape signs can show which panels to pass through to avoid collision and tangling*
- When retracting, the combination of sequential ascent, the re-aligning panel system and divide & separate roller system ensures a trouble free operation

WHAT MAKES EVACU8 THE BEST?

- Small compact headbox – easily concealed
- Trouble free operation design features
- Unobtrusive remote controls
- Mechanical override (optional)

SmokeStop Evacu8™ uses a unique silicon coated glass fibre fabric for high performance impermeability, crease and abrasion resistance and translucency.

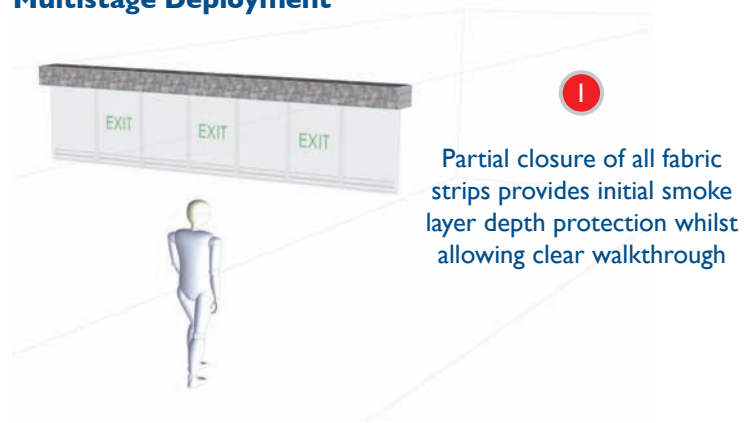
SmokeStop Evacu8™ fabric has been European Standards tested to BS EN 12101-1 and has achieved both a D60 and MO Classification.

DEPLOYMENT OPTIONS

Standard Deployment



Multistage Deployment



* Signage for illustration purposes only

WHY ARE THEY REQUIRED?

- The ever increasing need for both damage prevention and occupant safety
- Prevents smoke spreading quickly, threatening life or damaging buildings & contents
- Intuitive means of escape
- Quick and easy, minimal effort, DDA compliant
- Ideal for high occupancy buildings / high traffic areas
- No delay for escape

OPTIONS

The following options are available with the SmokeStop Evacu8™ system:

Mechanical Override

The Coopers Fire LSMO motor can have our unique manual override feature included. This could be required if the power to the curtain needs to be turned off for maintenance reasons as the Evacu8™ curtain will lower to its operational position. With this feature it can then be manually wound back up into the headbox to give clear access for work and protection against damage.

Opaque Fabric

Supplied if see through feature is not required

Translucent Fabric

Allows escapees to see the other side of the escape route therefore being aware of any possible danger and removing the risk of injury.

Signage

The fabric strips of the curtain can be easily printed on to display any necessary images such as Fire Escape signs, messages or company logos as approved by a qualified person.

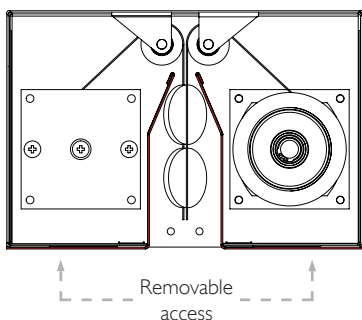
Alarm System

Can be stand alone with an independent smoke and/or heat detector or connected to a building's existing fire / smoke alarm system.

BMS (Building Management System)

The system can easily be incorporated into any Building Management System.

ACCESS

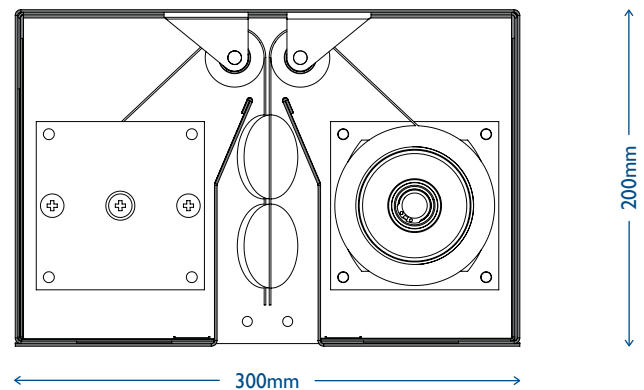
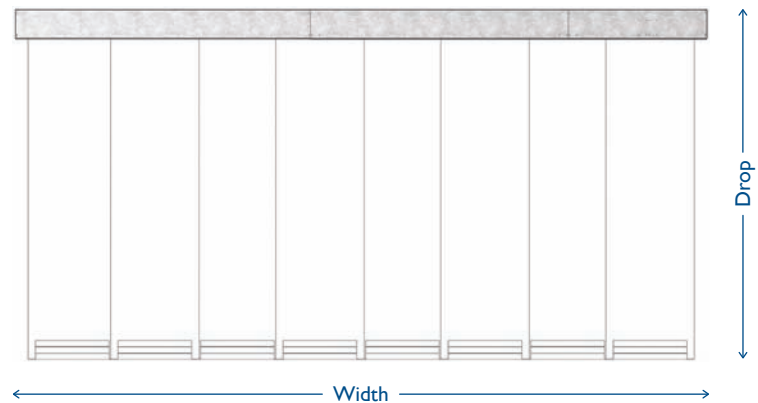


COMMON APPLICATIONS

- Underground Rail Stations
- Airports
- Stadiums
- Museums
- Office Blocks
- Cinemas
- Shopping Centres
- Libraries
- Universities
- Hospitals
- Schools
- Restaurants

SIZES

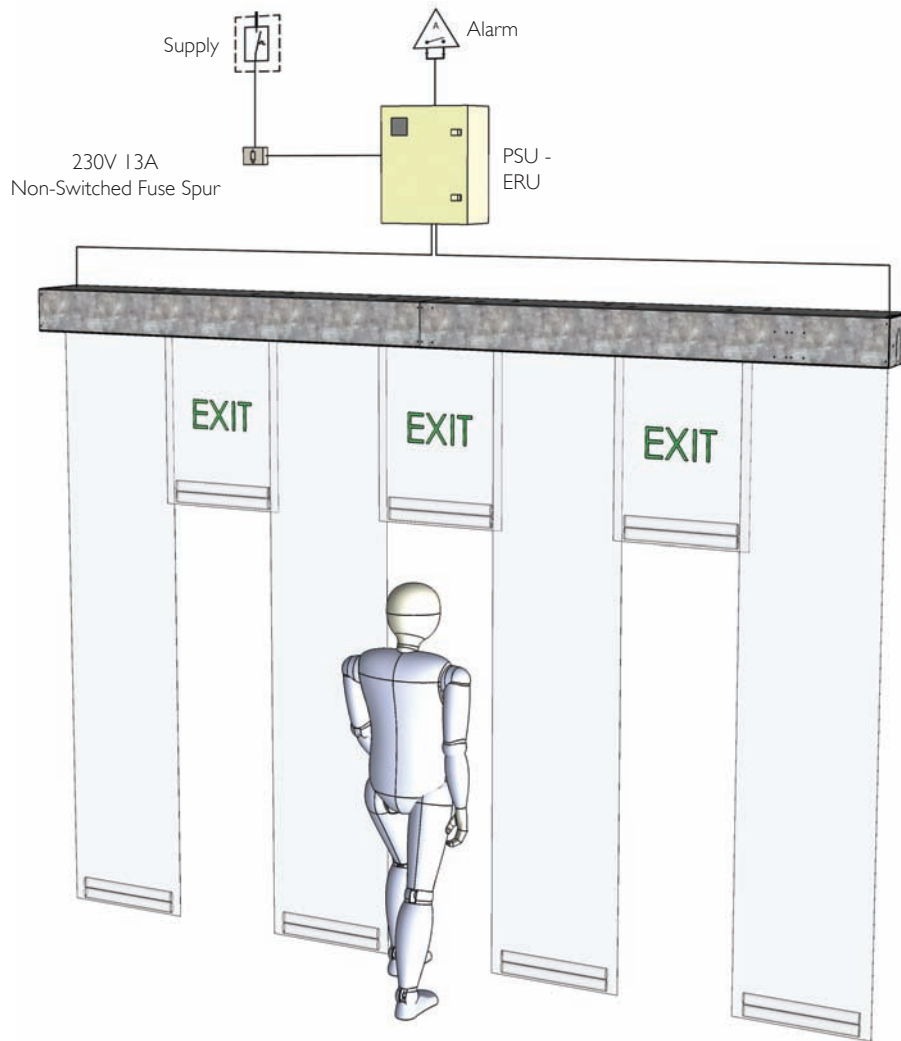
STANDARD SIZE RANGE AVAILABLE (Metres)	Width	Drop
Maximum Size	Unlimited	6



Access for maintenance is always required through the bottom of the headbox along the entire width of the Evacu8™ curtain.

This is achieved by removing the bottom panels on both sides of the headbox as illustrated left.

CONTROLS



PRODUCT SPECIFICATION

The most common fabric used with the Coopers Fire SmokeStop Evacu8™ product is a tried and tested smoke fabric. The base cloth is a fibre glass fabric with a fine silicon coating allow 50% translucency.

The complete system is CE Marked in accordance with EU Construction Products Directive (89/106/EEC), as amended by the CE Marking Directive (93/68/EEC), when tested in accordance with BS EN 12101-1:2005+A1:2006 and classified as D₆₀₀A to BS EN 13501-4:2007+A1:2009. The complete system is also classified as DL₃₀₀ for 120 minutes to ISO 21027-1:2009.

The fabric is additionally tested to BS EN ISO 1716:2010, BS EN ISO 11925-2:2002 and BS EN 13823:2002 and is classified as 'A2 s1 d0' to BS EN 13501-1:2007+A1:2009. It is also tested for fire propagation to BS 476-6:1989+A1:2009 and surface spread of flame to BS 476-7:1997 to achieve National Class '0' in accordance with

Coopers Fire Ltd reserves the right to change product specifications that incorporate any improvements and upgrades to both electrical and mechanical components without prior notification.

A13(b) of Approved Document B (Volumes 1 & 2) 2006 Edition 'Fire Safety' to England & Wales Building Regulations 2000.

CONTROLS SPECIFICATION

Power Supply:	230V AC 50Hz dedicated supply via 13Amp un-switched fuse spur
Drive System:	Coopers 24V dc motors
Battery Back-Up:	2 x 12V 12A/h lead acid batteries
Alarm Signal:	Normally closed volt-free contacts Open on activation
Test Facility:	Key switch and Reset button on ZCP
Display:	Power On, Alarm Active and Alarm Off
Power Supply Unit - Panel Size:	400mm(w) x 500mm(h) x 210mm(d)

Coopers Fire Ltd, Edward House, Penner Road, Havant, Hampshire PO9 1QZ UK | Registered in England Number: 2010274

Phone: +44(0) 23 9245 4405 | Fax: +44(0) 23 9249 2732

Email: info@coopersfire.com | Web: www.coopersfire.com



Assessed to ISO 9001:2008
FM 22356

Assessed to ISO 9001:2008
Certificate number: 538

