SmokeStop™
AUTOMATIC SMOKE CURTAINS

EVACU8™
THE WALKTHRU™ SMOKE CURTAIN

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

WWW.COOPERSFIRE.COM
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**

Full deployment provides total smoke protection whilst still allowing walkthrough

**Multistage Deployment**

1. Partial closure of all fabric strips provides initial smoke layer depth protection whilst allowing clear walkthrough

2. Further full closure of alternate fabric strips creates clear escape routes

3. Full closure of remaining fabric strips provides total smoke protection whilst still allowing walkthrough

* Signage for illustration purposes only
Removable 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.

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 it’s 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

SIZES

<table>
<thead>
<tr>
<th>STANDARD SIZE RANGE AVAILABLE (Metres)</th>
<th>Width</th>
<th>Drop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Size</td>
<td>Unlimited</td>
<td>6</td>
</tr>
</tbody>
</table>

COMMON APPLICATIONS

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

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
**PRODUCT SPECIFICATION**

The most common fabric used with the Coopers Fire SmokeStop Evac8™ product is a tried and tested smoke fabric. The base cloth is a fibre glass fabric with a fine silicon coating allowing 50% translucency.


**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)