

Automatic Smoke Curtains

METALBILT CURTAINS

Enhance building safety with our cutting-edge smoke curtains.

Automatic smoke curtains activate automatically in the event of a fire, providing a means of diverting smoke from a desired location or protecting an area from direct smoke infiltration.

OVERVIEW

Used as a part of an integrated smoke control system, these smoke curtains are essentially a roller blind with a heat resistant fabric. In the event of a fire, an electronic signal allows the curtain to unroll at a controlled rate to a pre-set height, even in a power outage.

These automatic smoke curtains are gravity fail safe and individual curtains can be installed adjacent to one another to give a continuous bank of curtains.

APPLICATIONS

Metalbilt's smoke curtains are ideal for commercial and industrial projects with a central atrium such as:

- Hospitals
- Hotels
- Warehouses
- Shopping centres
- Offices
- Schools

SPECIFICATIONS

- **Headbox:** 1.2mm galvanised mild steel with 2mm end caps
- **Rollers:** 76mm coated mild steel tube
- **Motors:** 24V DC
- **Fabric:** X32k – Panama weave glass cloth micronised aluminium polymer fabric
- **Bottom Bar:** 20mm x 20mm – 20mm x 40mm galvanised steel
- **Backup Operation:** 12v 7ah batteries supplied for up to 4 hours back up in the event of power failure
- **Smoke Rating:** Can withstand hot air and smoke at temperatures up to 600°C for 120 minutes
- **Warranty Period:** 1 year

Certification

Metalbilt's smoke curtains meet the requirements of BS EN 12101 Part 1
Rated at 600°C for 120 minutes to BS EN 12101 Part 1



Projects

