

DATASHEET: Smoke Curtains SC1 (SC60) D120/DH60 Active Smoke Curtain



BLE Smoke & Fire Curtains have always been at the forefront of engineered smoke strategies. Originally the primary use of smoke curtains was for smoke containment and smoke channelling, particularly in complex buildings such as airports and shopping centres.

Smoke sealing and smoke permeability are now important considerations and in both cases BLE Smoke & Fire Curtains have a suitable curtain solution.

The SC1 Smoke Curtain has been utilised by architects and fire engineers in buildings all over the world. It is a highly regarded for its lightweight robustness and quality engineering.



Control Options

The SC1 curtain can be supplied with multiple control options, some of which are listed below. Note that some of them are mutually exclusive and these options are dependent on the requirements of the fire strategy. Please contact us for full details of each option.

Two Stage Descent	Reservoir deployment prior to full compartmentation permitting easy escape.
Delayed Descent	Pause the delay of the curtain to its operational position.
Obstruction Sensor	Provide audio / visual warning of an impediment to curtain deployment
Audio / Visual	Light, siren and / or audible message warning of curtain activation
Stencilling	Signage to the fabric of the curtain in multiple languages or pictograms
BMS	Building management connection for status reporting
Emergency Retract	Manual button operation to momentarily retract curtain
Escape Curtains	Utilisation of overlaps to form push through escape

Curtain Options

In addition to the control options it is possible to enhance certain curtains within the BLE Smoke & Fire range with mechanical options. The SC1 has a number of these.

Smoke Seal

Upgrades to the curtain to provide a decrease in smoke leakage exceeding that required by international standards for fabric barriers.

BLE Smoke & Fire Curtains also have a large number of assessments on their tests based around customers' specific requirements for individual projects.