

# SMOKE AND FIRE CURTAINS

DATASHEET: Fire Series FC1

(FC60) E60



Despite Smoke & Fire Curtains continual raising of the performance bar with their 240 minute integrity fire curtain, it is recognised that not all buildings require this level of protection. Therefore BLE introduced the FC1; a 60-minute integrity solution built with all the same build quality and options as the FC2.

The result was a fully certified 60-minute integrity curtain retaining all the advantages of the BLE system; excellent build quality, simple design, backward compatibility and many control and interface options.

All Smoke & Fire curtains are made to measure with components being assembled in our facility to check their quality before disassembling for shipment. This ensures there are no surprises with the equipment on site. Classified to E60 and a Class O surface spread of flame for ASB 1 & 3 use this curtain gives certified protection.

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## Control Options

The FC1 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.

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

## Curtain Options

In addition to the control options it is possible to enhance certain curtains within Smoke & Fire range with mechanical options. The FC1 has a limited 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.

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