

SMOKE AND FIRE CURTAINS

DATASHEET: Fire Series FC2

(FC240) E240 EW20



Smoke & Fire Curtains recognised early on that integrity requirements would increase in line with modern building products. This led to the early design of the 240-minute fire integrity curtain.

The result was a fully certified 240-minute integrity curtain retaining all the advantages of the system; excellent build quality, simple design, backward compatibility and many control and interface options.

Classified to E240 W20 and a Class O surface spread of flame for ASB 1 & 3 use this curtain gives certified protection, in addition it provides a 1 & 2 hour insulating zone.

Control Options

The FC2 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 mechanical options. The FC2 has a number of these.

Smoke & Fire range with

Smoke Seal

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

Severe Duty With impact resistance testing in place the FC2 can be further enhanced to increase durability from potential impacts.

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