

FC2-S

Fire Curtain with Smoke Seal up to 4-hour Fire Resistance approval to British and European Standards



Key Specifications

Headbox:

1.2mm galvanized mild steel with 2mm end caps

Rollers:

76mm coated mild steel tube

Motors:

24V DC

Fabric:

C41000WK

Bottom Bar:

20mm x 20mm - 20mm x 40mm mild steel twin angle

Side Guides:

100mm x 50mm rolled steel

Electronics:

GCP-1

See separate spec sheet



Smoke seals are intumescent brushes located within the headbox and side guides to ensure smoke leakage does not exceed 3m³/m/hr at a pressure of 25Pa.

Standards

Tested and approved to British and European Standards.

**BS EN
1634-1**

Fire resistance test for door and shutter assemblies and openable windows.

**BS EN
1634-3**

Smoke control test for door and shutter assemblies.

CE/UKCA Marking

**Machinery
Directive
2006/42/EC**

**Supply of
Machinery
(Safety)
Regulations**

**EMC
Directive
2014/30/EU**

Designations & Size Limitations

Model	Max Width (m)	Max Drop (m)	Fire Resistance (mins)		Product Standard	Certificate/ Reports
			Integrity (E)	Irradiance (W)		
FC2-S	5.5	6.0	240	30	BS EN 1634-1 BS EN 1634-3	WF360780 WF418934 WYC410696
	3.0	3.0	240	60		

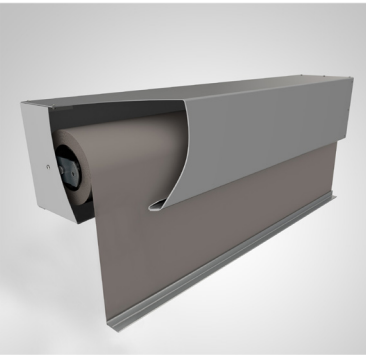
Headbox Sizes

The size of the curtain roller housing (headbox), depends on the curtain drop and width. The table below gives details of the full range of standard headbox sizes for the FC2-S fire curtain.

Type A

The standard headbox for use with curtain widths up to 5.5m.



	
Type A	
Single Roller Headbox (Max Width 5.5m)	
Curtain Drop	Roller Width Up to 5.5m
Up to 3.0m	210 × 210mm
3.0m - 6.0m	250 × 250mm

BLE is committed to continuous product improvement and full compliance with global Standards. Products can change and be retested to achieve this. Always contact BLE for the latest specifications and performance data.

Warranty

A manufacturer’s warranty is provided for a period of one year. Exclusions may apply if any element is sublet to an unauthorised party.



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