

Data Sheet: A200 - FC01

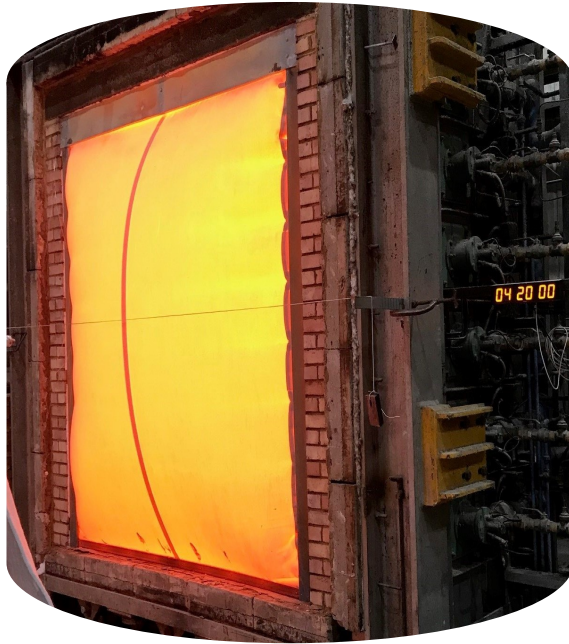
Ascot Doors Limited

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Ascot A200 Series Electrically Operated Tube Motor Fabric Fire Resisting Rolling Curtain

Model Reference A200-A215-E-TM-E60-00-FC-0
60 Minute Fire Integrity

Model Reference A200-A216-E-TM-E120-00-FC-0
120 Minute Fire Integrity

Model Reference A200-A217-E-TM-E240-00-FC-0
240 Minute Fire Integrity

Applicable Fixing Structures

- Rigid (Masonry, Concrete)

Performance Characteristics

Tested in accordance with *BS EN 1634-1 2014+A1:2018 Fire Resistance Test for Doors & Shutters*

Test report No.P115307-1005

Assessed against *BS EN 15269-11:2018 Extended Application Of Test Results For Fire Resistance And/Or Smoke Control For Door, Shutter And Openable Window Assemblies*

Extended Application report No.P127836-1000

Classified in line with *BS EN 13501-2:2016 Fire Classification Of Construction Products & Building Elements*

Classification Report No.P127836-1001



Ascot Doors Ltd is one of the leading suppliers of industrial door products in today's market place specialising in Rolling Shutters, Fire Shutters, Fire Curtains, Hinged Doors, Sectional Overhead Doors, Dock Levelling Systems and offering a complete service ranging from design and manufacture through to installation. Ascot Doors Ltd operate in both the UK and across the world.

Fire Curtains offer a lighter weight solution to achieving a fire rated compartmentation between adjacent areas achieving up to 60, 120 or 240 minutes fire integrity as required.

Electrical Operation - Via a 24v DC tube motor mounted within the barrel. A control panel, complete with battery backup, is provided, positioned adjacent to the motor at high level, having the capacity to operate up to six curtains simultaneously. The panel accepts a normally closed volt-free contact from the building's fire alarm system (connection by others). Closure in a fire condition is under gravity but with a controlled descent. The fire curtain will open automatically once the fire signal is removed.

In the event of power failure the curtains will drop automatically under gravity but with a controlled descent.

Barrel Assembly – Constructed from mild steel tube manufactured to BS EN 10219 and mounted on a steel shaft and mild steel bearing blocks each end. Tube and shaft sized according to opening size and fire resistance.

Curtain – Constructed from specially reinforced and coated grey fiber-glass material sewn together with stainless steel wire and is designed to withstand temperatures in excess of 1000°C. The bottom of the curtain is finished off with a mild steel double angle bottom rail.

Endplates – Constructed from galvanised steel or mild steel. Endplates sized according to opening size and required fire resistance.

Guides - Constructed from 2.0mm galvanised sheet steel and are 100mm x 55mm in size.

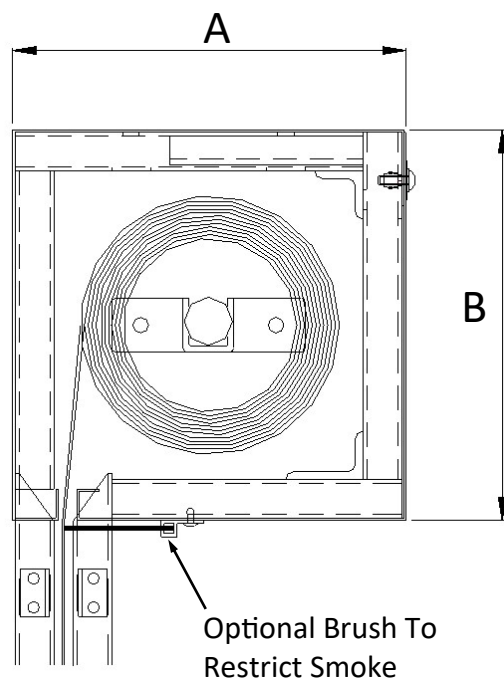
Headbox – Supplied as standard to cover the barrel and manufactured from 1.2mm galvanised sheet steel.

Finish – Galvanised parts to BS EN 10142 with a protective hot dipped zinc coating of 275g.m² finished to a normal spangle with one coat black primer paint on non-galvanised surfaces.

Optional Additional Extras -

- Audio visual warning device
 - Two stage descent
 - Test key switch
 - Reflective photocell
 - Light Curtain
 - Smoke / Heat Detector
 - Emergency retract button
 - Brush to help restrict smoke
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- Powder coating to our standard RAL or BS range to Guides, Bottom Rail & Headbox





A215

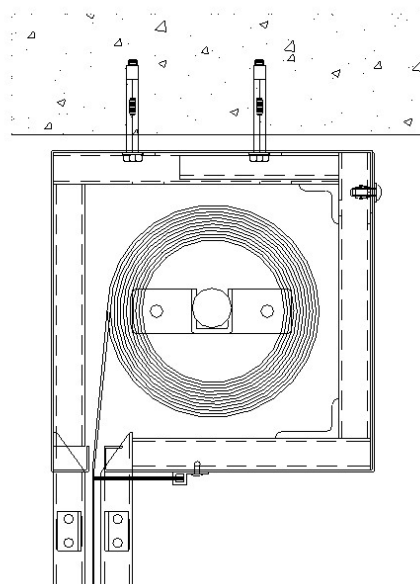
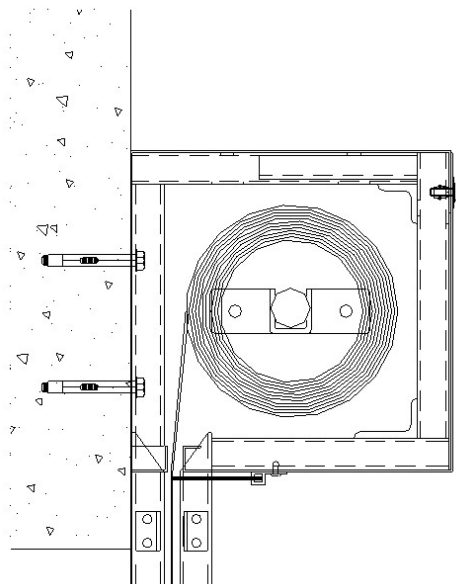
Opening Width (mm)	Opening Height (mm)	Dimension "A" (mm)	Dimension "B" (mm)
Up To 5500	Up To 4000	200	200
Up To 5500	4001 To 6000	230	230
Up To 5500	6001 To 8000	250	250

A216

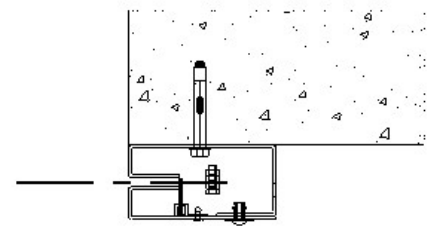
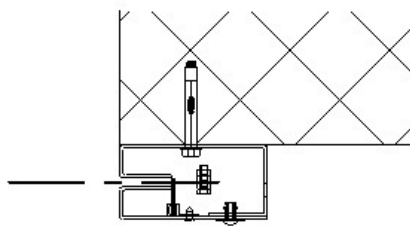
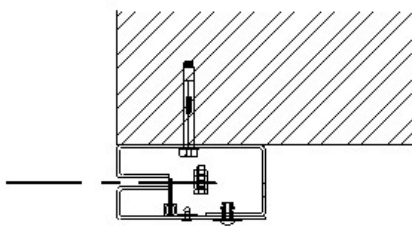
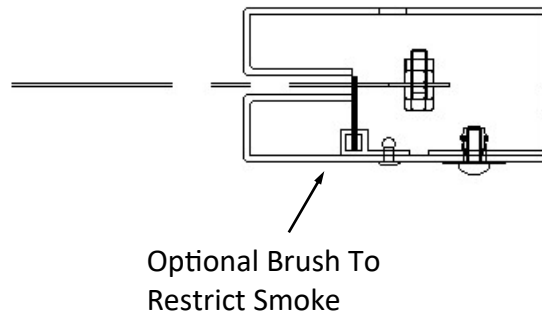
Opening Width (mm)	Opening Height (mm)	Dimension "A" (mm)	Dimension "B" (mm)
Up To 5500	Up To 3000	200	200
Up To 5500	3001 To 5500	230	230
Up To 5500	5501 To 8000	250	250

A217

Opening Width (mm)	Opening Height (mm)	Dimension "A" (mm)	Dimension "B" (mm)
Up To 3000	Up To 3000	200	200
Up To 3000	3001 To 5500	230	230
Up To 3000	5501 To 8000	250	250

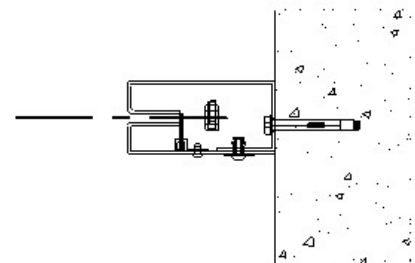
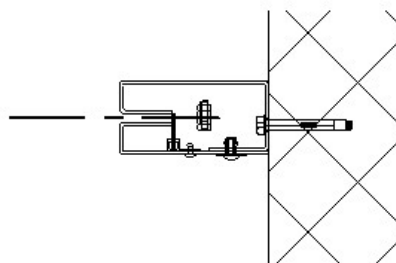
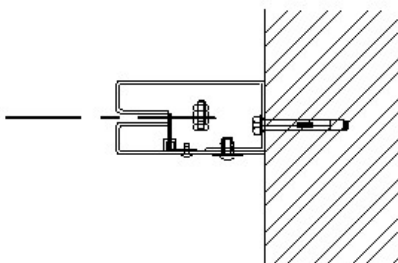


Typical Detail Of Guide

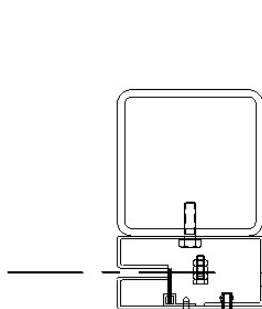


Masonry

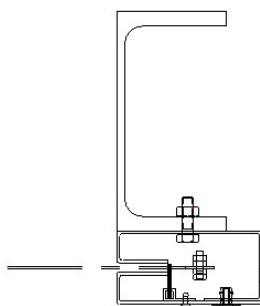
Concrete



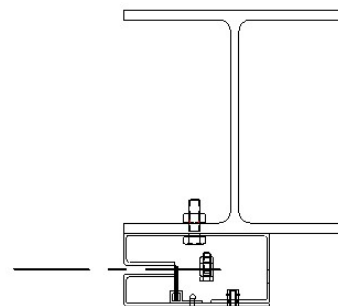
This Page Illustrates Alternate Fixing Methods & Structures. It Must Be Noted That These Are Outside of The Extended Application But Currently Under Company Review



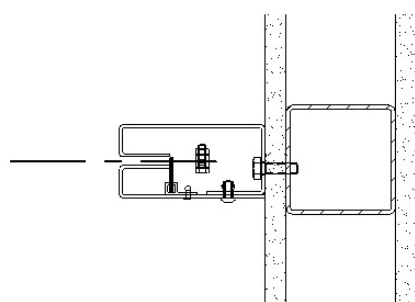
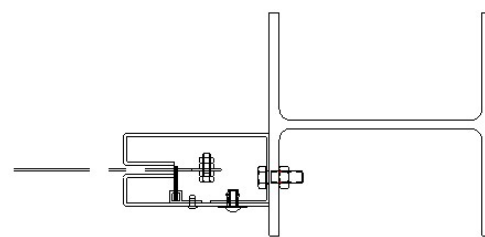
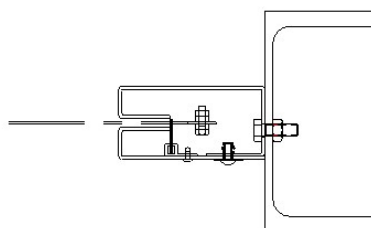
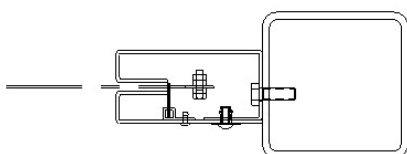
Hollow Section



Parallel Flange Channel



Universal Column



Fire Rated Plasterboard
c/w Internal Steel Post

