

Data Sheet: A200 - FS01

Ascot Doors Limited

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Ascot A200 Series Electrically Operated Tube Motor Steel Fire Resisting Rolling Shutter

Model Reference A200-A220-E-TM-E60-76-SS-0
60 Minute Fire Integrity

Model Reference A200-A221-E-TM-E120-76-SS-0
120 Minute Fire Integrity

Model Reference A200-A222-E-TM-E240-76-SS-0
240 Minute Fire Integrity

Applicable Fixing Structures

- Rigid (Masonry, Steel, Concrete)
- Protected Structural Steel

Performance Characteristics

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

Warringtonfire report No.427370

Assessed against *BS EN 15269-10:2011 Extended Application Of Test Results For Fire Resistance of Steel Rolling Shutters*

Extended Application report No.417215

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

Classification Report No.417216

The fire shutters are fully compliant to *BS EN 13241:2013+A2:2016* and *BS EN 16034:2014*

A220 - Fire resistance to E60 classification

A221 - Fire resistance to E120 classification

A222 - Fire resistance to E240 classification



warringtonfire



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 Shutters offer a 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 240v tube motor mounted within the barrel c/w limit switches and a key switch. Emergency hand operation is provided as standard via a manual eyelet for crank handle operation in the event of a power or mechanical failure. Safety brake anti fall back devices and fully complies with BS EN 12604:2000, BS EN 12453:2001 European directives for machinery.

Automatic Closure - Client's fire alarm signal is connected to a normally open volt-free contact within the supplied Promate control panel (wiring is by others). Closure in the fire condition is via mains power. A UPS battery backup is supplied as standard to ensure closure via the fire alarm is achieved in the event of a mains power failure.

Barrel Assembly – Constructed from steel tube manufactured to BS EN 10219 and mounted on a steel shaft. Tube and shaft sized according to opening size and door weight.

Curtain – Constructed from minimum 0.9mm Thick x 76mm deep curved galvanized steel interlocking lath manufactured to BS EN 10346 with a protective zinc coating of 275g/m² to form a single skin curtain. Each alternate lath is fitted with malleable iron endlocks to prevent lateral movement and the curtain is finished with a 1.6mm galvanized 'T' section bottom rail.

Endplates – Constructed from mild steel of adequate size and thickness relative to the size of the door.

Guides - Constructed from minimum 2.5 x 65mm deep galvanized steel channels bolted to a minimum 75 x 50 x 5mm galvanized angle.

Hood - Supplied as standard to cover the barrel and manufactured from 0.9mm thick pressed galvanized steel to BS EN 10346 with a protective zinc coating of 275g/m².

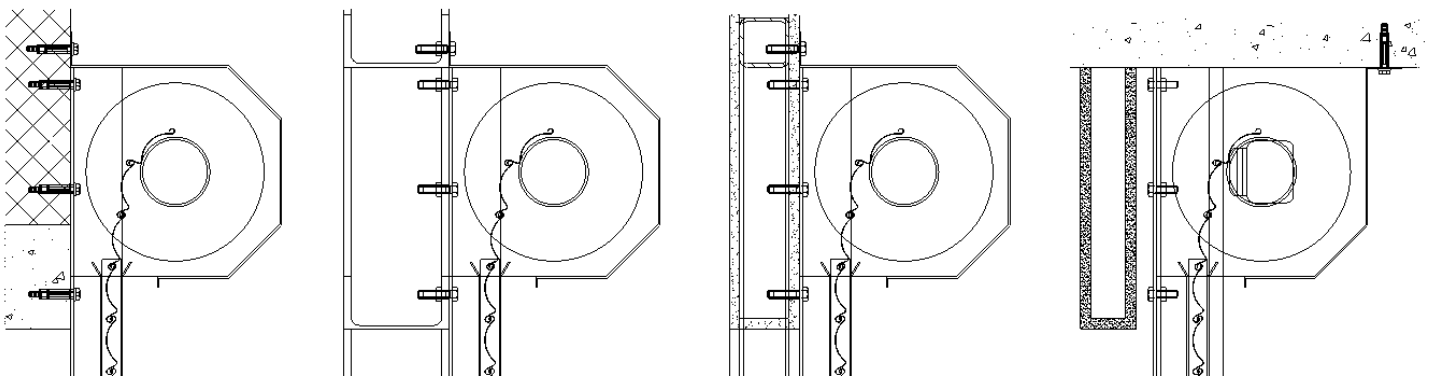
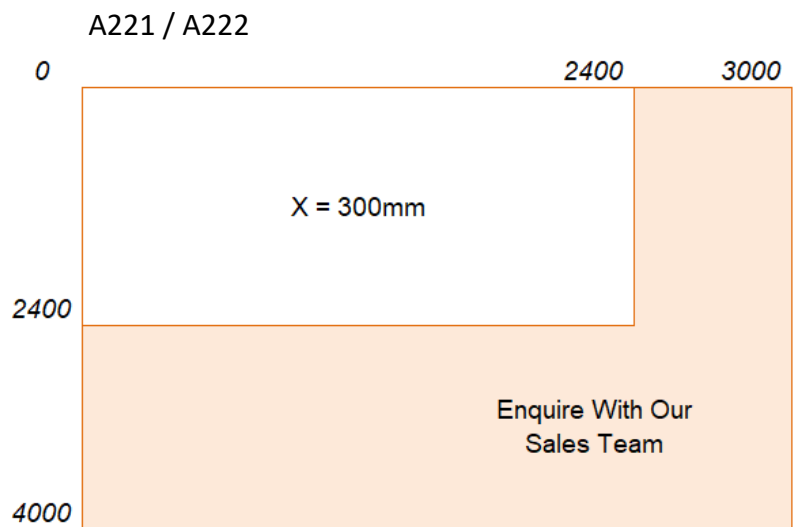
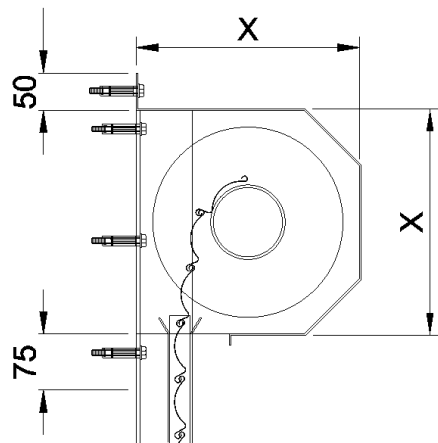
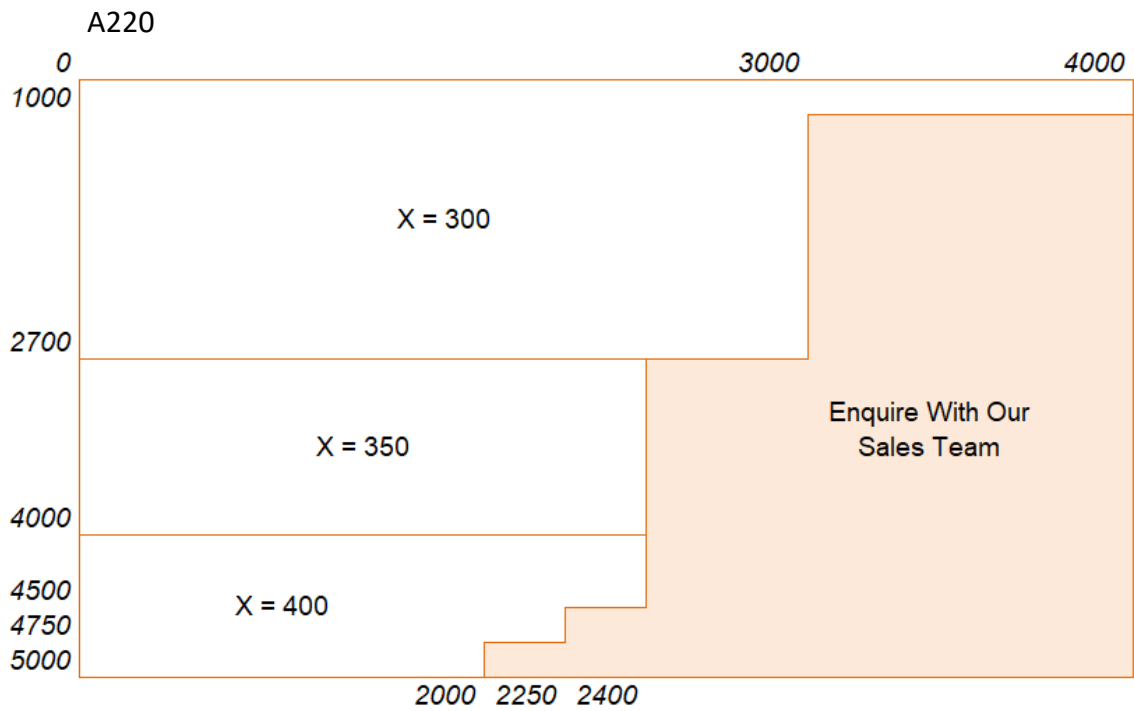
Finish - Galvanized parts to BS EN 10142 with a protective hot dipped zinc coating of 275g/m² finished to a normal spangle with one coat black primer paint on non-galvanized surfaces.

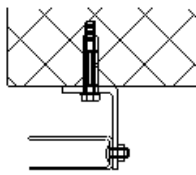
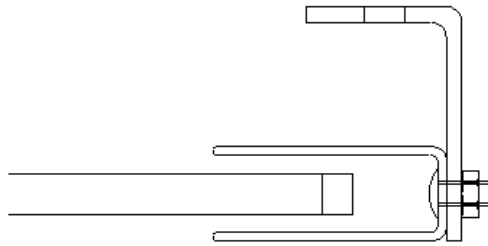
Optional Additional Extras -

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

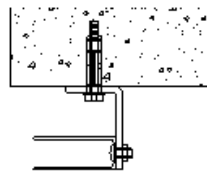


Head Box Detail

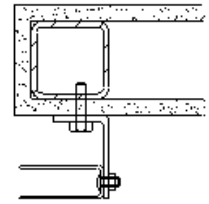




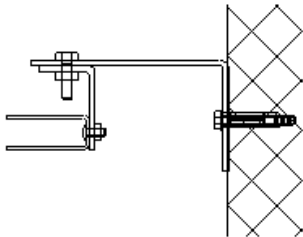
Masonry



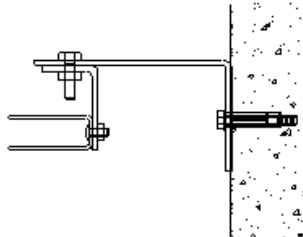
Concrete



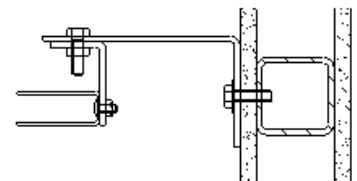
Fire Rated Plasterboard
c/w Internal Steel Post



Hollow Section



Parallel Flange
Channel



Universal Column

