



Uniclass Specification

Adexon-FC60/90/120EW Vertical Fire Curtain (Integrity & Radiation)

Pr_25_80_79_94 Vertical active fire curtain barriers (Adexon Vertical FC60/90/120EW)

1. Description: A vertically-operating fire curtain barrier with in-built integrity (E) and radiation (W) ratings. This limits and controls the spread of fire (e) while also reducing radiation emission to less than 15 kW/m².K at a distance of 1m from the fabric (W), with a maximum classification of 60 minutes.
2. Manufacturer:
Adexon Fire & Smoke Curtains
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3. Product Reference: Adexon-FC60/90/120EW Vertical Fire Curtain (Integrity & Radiation)
4. Operation: Automatic, using 24V DC tubular motors, controlled by an electronic control board. Standard single curtains require dedicated 230V AC, in a 6-amp fuse spur.
5. Standards:
 - 5.1. Barrier assemblies: CE Marked to BS EN 16034
 - 5.2. Test standards: Safety & performance to BS EN 16034, Fire resistance to BS EN 1634-1, in accordance with BS EN 13501-2, Smoke control to BS EN 1634-3
6. Third-party certification: Applus+ Certificate 0370-CPR-6418
7. Size: Curtain max. dimensions - 12 x 4.5m or 7 x 8m (width x height)

Determine project requirements on a curtain-by-curtain basis through detailed design and scheduling. Refer to drawings for locations
8. Performance:
 - 8.1. Durability class: C1
 - 8.3. Fire resistance: EW60/EW90/EW120
10. Deployment: Determine requirements on a curtain-by-curtain basis
11. Activation: As advised by the Client's Designers, may vary on a location-by-location basis
12. Finish: All headbox and rail components shall be made from galvanised steel as standard. Powder coating available (C1-5) to RAL colour to be advised by the Client's Architect.
13. Accessories: Determine requirements on a curtain-by-curtain basis

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