

# ADEXON<sup>®</sup>

## Fire & Smoke Curtains

### Uniclass Specification

#### Adexon-FC120E Vertical Fire Curtain (Integrity)

Pr\_25\_80\_79\_94 Vertical active fire curtain barriers (Adexon Vertical FC120E)

1. Description: The FC120E is the standard, most-popular performance type that has in-built integrity (E) rating, that limits and controls the spread of fire, with the maximum classification of 120 minutes.
2. Manufacturer:  
Adexon Fire & Smoke  
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3. Product reference: Adexon-FC120E Vertical Fire Curtain (Integrity)
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-6374
7. Size: Curtain max. dimensions - Unlimited x 10 m (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: E 120
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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