

# ADEXON®

## Fire & Smoke Curtains

### Uniclass Specification

#### Adexon-FC90EW Vertical Fire Curtain (Integrity & Radiation)

Pr\_25\_80\_79\_94 Vertical active fire curtain barriers (Adexon Vertical FC60EW)

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/m<sup>2</sup>.K at a distance of 1m from the fabric (W), with a maximum classification of 90 minutes.
2. Manufacturer:  
Adexon Fire & Smoke  
Prospect House  
Huyton Church Road  
Liverpool L36 5SH  
  
t: 0151 422 9111  
e: [admin@adexon-uk.com](mailto:admin@adexon-uk.com)  
w: [www.adexon-uk.com](http://www.adexon-uk.com)
3. Product Reference: Adexon-FC90EW 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: EW90
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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Prospect House, Huyton Church Road, Liverpool, L36 5SH

**0151 422 911 | [admin@adexon-uk.com](mailto:admin@adexon-uk.com) | [www.adexon-uk.com](http://www.adexon-uk.com)**

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