



Client: Meadowhall Shopping Centre - Sheffield

Application: Shopping Centre - Food Court, Malls & Shop Units

Aspirating Detectors Used: 6 x Cirrus IFD multizone Aspirating Detectors (food court area)
50 x Cirrus Pro Aspirating Detectors (mall areas)
20 x Cirrus Pro Aspirating Detectors (shop units)
17 x Cirrus HYBRID Aspirating Detectors (mall areas)
10 x ProPoint PLUS Aspirating Detectors (lift shafts & voids)

Reasons for using Cirrus Pro Aspirating Detectors:

- Aspirating detection utilizes 'active' air sampling through the use of sampling holes drilled into sampling pipework. Each sampling hole is spaced as if it were a smoke detector to ensure compliance with British Standards. Service and maintenance need only be carried out at the Cirrus Detectors and dedicated sampling pipe test points thus providing a maintenance free detection system for high level installations.
- Cirrus Detectors can respond to fire conditions in advance of standard point detection.
- Cirrus Detection systems do not generally require intermediate level detection points.
- Cirrus Detectors do not provide unwanted alarms from airborne dust and other pollutants.
- Cirrus Pro Detectors do not provide unwanted alarms from temperature changes and temperature extremes.
- Cirrus Pro Detectors are a sensitive yet stable fire detection system responding to products of combustion.

The Cirrus Pro Series Fire Detectors can provide an alarm at the earliest stages of a fire, giving you the time you need to safeguard your Atria/ Rotunda and limit the time period and building damage that could be lost due to the unexpected occurrence of a fire.

Protec aspirating detectors have been operational throughout the Meadowhall shopping Centre site for approximately 12 years. The new range of Protec Cirrus HYBRID and ProPoint PLUS aspirating detectors have been integrated into the 2017 Mall refurbishment project.