

Passive Fire Protection

◆
Air Sealing

◆
Thermal Insulation

◆
Acoustic Sealing

◆
Fire Risk Engineering

◆
Concrete Cutting

◆
Fire Risk Assessment



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Avesta Scotland Limited



Established in October 2010, Avesta provides a wide range of services, primarily in the field of passive fire protection, to both private and commercial clients thus providing a single point of responsibility across a number of specialist trades.

Working throughout the UK, we provide the following range of services:

- | Passive Fire Protection**
- | Air Sealing**
- | Thermal Insulation**
- | Acoustic Sealing**
- | Fire Risk Engineering**
- | Concrete Cutting**
- | Fire Risk Assessment**

PASSIVE FIRE PROTECTION

Passive measures provide protection by their very existence and are largely unseen, however they are vital to the stability and integrity of a building or structure when attacked by fire. They serve the purpose to separate the building into areas of manageable risk, to restrict the growth and spread of fire and also protect structural elements from risk of early collapse. This allows time for the occupants to escape and provides a degree of protection for fire fighting.

As a multi-disciplined contractor, Avesta are able to carry out works including intumescent painting, boarding works, fire barrier installations and penetration sealing etc in both new and existing buildings. Surveys can also be carried out within existing buildings to ensure life-saving compartmentation is maintained.

AIR SEALING/AIR TIGHTNESS TESTING

As part of the sustainable requirements for new buildings, air sealing or air tightness testing not only aids the energy efficiency of a building but also assists in the operation of the building's heating and ventilation systems.

In partnership with BSRIA, members of ATTMA who comply with BS 13829 and test to Building Regulations Part L (England) or Section 6 (6.2.7) (Scotland), Avesta can ensure that the building is tested to a recognised standard.

Our relationship with BSRIA offers access to expertise in reviewing building design to identify areas that require treatment. Avesta will be able to carry out the necessary preparatory works to ensure a successful air test.

Upon request, Avesta can be in attendance during these tests, to carry out any remedial works to areas found to have failed.

THERMAL INSULATION

Insulation, in its various forms can be installed to reduce energy loss and increase overall energy efficiency ensuring compliance with Building Regulations.

In conjunction with the UK's leading manufacturers', we can provide a wide range of sustainable insulation solutions.

ACOUSTIC SEALING

Building Regulations seek to ensure that buildings are designed and constructed in such a way as to limit the transmission of source noises to a level that will not cause inconvenience to the building occupants.

Working closely with specialist manufacturers, Avesta can provide a number of acoustic solutions and in conjunction with BSRIA can arrange the requisite testing on the clients behalf.

FIRE RISK ENGINEERING

Fire Risk Engineering is being adopted more frequently now to provide alternative solutions to those that the current Building Regulations may recommend. Subject to the type of building, the fire protection measures may be inappropriate or uneconomic.

Within Avesta, we have the experience to review the fire strategy and evaluate the feasibility of alternatives whilst taking cognisance of the time constraints and costs of the project.

CONCRETE CUTTING

The fabric of any building often requires voids created for the passage of services or for the provision of access. Various cutting and breaking techniques can be utilised to form these openings – from diamond drilling to floor and wall sawing – and can be carried out during both refurbishment or new build projects with ease.

Through combining concrete cutting and fire stopping trades on projects, Avesta can offer Clients a commercial advantage on most construction projects.

FIRE RISK ASSESSMENT

A fire anywhere can have devastating effects. Each year people die or are seriously injured as a result of fire at work, with many affected businesses failing to recover.

Avesta can carry out a Fire Risk Assessment on your premises and through the implementation of our recommendations, we can drastically reduce the probability of a fire starting and ensure effective systems are in place to not only safeguard your property but more importantly, your personnel.