

Background

Ensure compliance with local legislation and on-site health and safety requirements, fire strategy and integrity and insulation requirements.

Observe manufacturers data sheets, certification, test evidence and installation instructions.

Ensure all services which will penetrate your chosen fire seal are included with the products tested, e.g. service openings.

Recommendations

Before commencing installation of your fire barrier, ensure your chosen product is capable of providing the insulation and integrity requirements required by your specification can be achieved using your chosen product. Ensure the opening size is not larger than of the products limitations, ensure the opening is clean and free from dust a debris before installation commences. Prime any opening as required by manufacturers instructions. Plan the installation to use as few cut pieces of product as possible and to allow yourselves the easiest access. Ensure all services are adequately supported.

Pipe Wall Thickness - 0.9mm , 3mm, 26mm ?

The EN standard allows for maximum and minimum wall thickness to be tested: Giving full coverage for all wall thickness within a single pipe type within those tested. Ensure insulation and integrity requirements required by your specification can be achieved using your chosen product. Ensure the closer device you have chosen is tested attached to / or within your chosen fire barrier, or a least a barrier with an equal or greater density and fire / insulation capability. Flat plastic ducting should be tested independently.

Cable Trays, Cable Ladders and Cable Baskets

The EN standard has identified cable trays to be the critical type of cable carrier : If the cable tray is to penetrate the fire seal, ensure that it is tested to do so. Ensure Insulation and

integrity requirements required by your specification can be achieved using your chosen product.

Cables, Conduits

The EN Standard has identified a critical cable approach using differing sets of cables on various trays and ladders and various diameters of cables . Ensure the cables fall with those tested and bundle sizes are not exceeded. Ensure insulation and integrity requirements required by your specification can be achieved using your chosen product.

Insulation

If insulation is to penetrate your chosen fire barrier a closer device will normally be required. Insulation should not be cut off at the face of the seal without the express written permission of the main contractor. Any changes to somebody else work will make you liable for an element of which you have limited or no knowledge.

Mixed Seals

If there are many types of penetrations passing through your fire seal, the EN standard has a critical approach to mixed penetration seals. This should be confirmed by your chosen manufacturer.

Technical Service

Nullifire has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call our technical hub on 01942 251400