

Firebreak Service Transits

PRODUCT DATA SHEET

Designed to make frequent service modifications easy



Firebreak Service Transits comprise a range of circular and rectangular devices designed to be installed in fire resistant walls and floors where cables and other services are required to penetrate. Under fire conditions the foam plugs at each face of the transit restrict the passage of smoke whilst the intumescent material within the transit expands to form a durable plug around the services maintaining the fire integrity and insulation performance of the floor or wall.

Key features and benefits

- Available in a wide range of sizes from 50mm diameter to 1100mm x 125mm
- Constructed from steel with a corrosion resistant powder coating finish
- Hinged to allow for installation around existing services
- Smaller square transits able to be combined together to make larger units (2x, 3x and 6x)
- Up to four hours fire resistance (EI240)
- Approved for use in partitions and masonry walls of 100mm or greater thickness
- Can be used with a wide range of cables along with small plastic and metal pipes with combustible nitrile rubber insulation

- Largest transit can accommodate 2x 500mm wide cable baskets positioned side by side
- Qualified for use at temperatures below 0°C and in high humidity
- Simple and quick to install, maintenance free
- Non-toxic, low smoke, mould resistant, halogen free and zero VOC
- Quality assured including ISO 9001, CE Marking and independent third party product certification

Typical applications

- Floor and wall fire seals in highly serviced buildings such as data centres where frequent changes to cable runs can be expected
- Use in theatre and other entertainment buildings where there is a periodic need to pass electrical and similar services through fire resistant compartmenting structure

- Forming blank penetration seals to allow for the later addition of services without the need for wet systems or specialist labour

Testing and certification


- Extensive testing to EN 1366-3: 2009 providing up to 4 hours fire resistance in conjunction with a wide range of cables and other service penetrations
- Fire Classification to EN 13501-2 and CE Mark (ETA 21/0207)
- Mechanical and durability testing to EAD 350454-00-1104; Y₂ (-5°C, 70°C)
- Third party product certification with UL International (Certificate # UL-EU-00772)

For detailed seal specifications please refer to technical data sheet.



Since the product is applied under circumstances beyond our control, Neutron Fire Technologies Limited can accept no direct or consequential liability whether in contract or in tort, for the interpretations of such recommendations and reserves the right to modify the recommendations as necessary.



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