

# Firebreak 44 Fire Resistant Expanding Foam

## PRODUCT DATA SHEET

# Fast and simple application

Firebreak 44 is a ready-to-use fire resistant expanding adhesive foam designed for internal use where fire resistant and/or acoustic joints are required or to seal around small cable and metallic pipe service penetrations through walls.



### Key features and benefits

- Independently tested to EN 1366-3: 2009 and EN 1366-4: 2006 providing up to 4 hours fire resistance
- Fire tested with both vertical and horizontal gaps
- Tested in conjunction with mineral wool backing or Firebreak 22 sealant facing for extended fire performance
- Class B1 reaction to fire classification when tested to the requirements on DIN 4102
- Gas and smoke containing (typically 80+% closed cell)
- Excellent acoustic and thermal insulation performance
- CFC free
- Mould resistant

- Excellent adhesion to most common building materials (masonry, concrete, plaster/plasterboard, timber, plastics, steel, aluminium, etc.)

- Quality assured including ISO 9001

### Typical applications

- Linear gaps in fire separating masonry/ concrete walls
- Sealing gaps between fire resistant timber door frames and the supporting structure
- Forming small service penetration seals to cable and metallic pipes where they pass through fire resistant walls
- Fire resistant smoke seals in small cavities
- Fire seals within electrical trunking
- Fire seals where access is difficult

### Testing and certification

- Testing to EN 1366-3: 2009 and EN 1366-4: 2006 providing up to 4 hours fire resistance to linear gaps and small service penetrations
- Classification to EN 13501 and (ETA 21/0212 & 21/0211)
- Mechanical and durability testing to EAD 350454-00-1104 & EAD 350141-00-1106
- Acoustic testing to DIN 52 210: Part 4: 1995 sealing 10mm gap to a depth of 100mm in a Rw 59 dB rated acoustic partition with no loss of acoustic performance

*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.