

Firebreak 22 Fire Resistant Acoustic Acrylic Sealant

PRODUCT DATA SHEET

Prevents the passage of fire, smoke and sound

Firebreak 22 is a quality fire resistant waterborne acoustic sealant designed for internal use where low movement fire resistant and/or acoustic joints are required or to seal around pipe and cable service penetrations through walls and floors.

Key features and benefits

- Independently tested to EN 1366-3: 2009 and EN 1366-4: 2006 providing up to 4 hours fire resistance
- Tested in conjunction with a wide range of common construction materials including masonry, steel, timber, bunched cables, large power cables and steel and copper pipes
- Gap sizes up to 100mm and service penetrations up to 400mm x 400mm
- Maintains acoustic performance of substrate
- Good movement capability (+/- 12.5%) and excellent adhesion
- Tested in conjunction with standard PE backing rod
- Non-toxic, low smoke, mould resistant and halogen free
- Can be painted

- Quality assured including ISO 9001, CE Marking and independent third party product certification

Typical applications

- Construction/expansion joints in fire separating masonry/concrete walls and concrete floors
- Acoustic joints at junctions of lightweight partitions with walls, floors and soffits and partition to partition junctions
- Sealing gaps between timber/steel door frames and fire resistant glazing frames and the supporting structure
- Service penetration seals to cable and metallic pipes where they pass through fire resistant walls and floors
- Providing cold smoke and acoustic seals to gaps around plastic pipes prior to the fitting of Firebreak FX Series Pipe Collars
- Sealing gaps between batts and around services when installing Firebreak Batt penetration seal system
- Bedding of fire grills etc., when fitted to uneven surfaces

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.




Testing and certification

- Extensive testing to EN 1366-3: 2009 and EN 1366-4: 2006 providing up to 4 hours fire resistance to linear gaps and service penetrations
- Zero flame spread when tested to EN ISO 11923-2: 2010 giving Class E classification to EN 13501-1:2007 + A1
- Classification to EN 13501 and CE Mark (ETA 21/0222 & ETA 21/0213)
- Mechanical and durability testing to EAD 350454-00-1104 & EAD 350141-11-1106
- Third party product certification with UL International (Certificate # UL-EU-00957)
- Sound insulation: Rw up to 59dB (BS EN ISO 10140-2: 2010)
- VOC Emissions Classification: M1 (highest European classification)

For detailed seal specifications please refer to technical data sheet.



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ETA 21/0222 & ETA 21/0213 EAD 350454-00-1104 EAD 350141-00-1106

