

# Firebreak 331 Water Based Silicone Sealant

## PRODUCT DATA SHEET

# High flexibility, water-based fire seals



Firebreak 331 is a one part fire resistant water based silicone sealant with excellent acoustic performance. It is designed for internal or external use wherever flexible fire resistant and/or acoustic joints are required or to seal around pipe and cable service penetrations.

### 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 in conjunction with 100mm flexible partitions, concrete floors, steel and timber
- Gap sizes up to 100mm & seals around metal pipes and single/bundle cable penetrations
- Low modulus: up to 25% movement in constant service conditions
- Maintains acoustic performance of substrate
- Excellent adhesion to most building substrates, including porous materials, without the use of primers
- Tested in conjunction with standard PE backing rod
- Good durability
- Suitable for external use including high UV and ambient temperature conditions

- Non-toxic, low smoke, mould resistant and halogen free
- Quality assured including ISO 9001, CE Marking and independent third party product certification

### Typical applications

- Construction/movement joints in fire separating masonry and partition walls and concrete floors
- Acoustic joints at junctions of lightweight partitions with walls and floors
- Deflection joints between rigid walls or partitions and floor soffits
- Fire resistant glazing applications including curtain walls
- Service penetration seals to cables and metallic pipes where they pass through fire resistant walls and floors
- Providing a cold smoke and acoustic seal to gaps around plastic pipes prior to the fitting of Firebreak FX Series Pipe Collars
- Bedding of fire grills etc., when fitted to uneven services

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 16/0988 & 16/0989)
- Mechanical and durability testing to ETAG #026-2
- Third party product certification with UL International (Certificate # UL-EU-01087-CPR)
- Acoustic testing to EN ISO 140: Part 3: 1995 sealing multiple gaps in a Rw 54 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.



### Testing and certification

- Extensive testing to EN 1366-3: 2009 and EN 1366-4: 2006 providing up to

