

**DESCRIPTION:**

A high performance, flexible acrylic building sealant and adhesive which, in the event of fire, will swell to provide a smoke resistant barrier. Up to 4 hour fire rating achievable.

**A solvent-free, ready to use sealant, tested to the following specifications:**

-BS EN 1366-3: 2004 & BS EN 1366-4: 2006 achieving 4 hour integrity and insulation rating for a range of linear and penetration seals.

-An indicative fire test based on BS476 Part 20 achieving a 4 hour fire rating (integrity) for a range of vertical and horizontal joints up to 35mm wide between various non-combustible construction materials. A 1 hour fire rating (integrity) was achieved for a range of vertical joints up to 25mm wide between combustible materials (timber).

-BS EN ISO 140-3. 1995 Measurement of Airborne Sound Insulation of Building elements. The sealant maintained the integrity of a plasterboard partition wall with a Sound Reduction Index of 55dB.

**USES:**

**ADINO ACOUSTIC FIRE STOP** is specially manufactured to form an acoustic and fire rated intumescent barrier in construction applications.

When subjected to heat **ADINO ACOUSTIC FIRE STOP** swells (intumesces) to provide an inert barrier to smoke and flame.

The fire resistance achievable with **ADINO ACOUSTIC FIRE STOP** depends upon the joint design, depth of sealant and substrates being sealed. See detail overleaf.

It is non-slumping and rapid skinning. It can also be over painted within 1 hour with fire resistant paint.

**APPLICATION:**

All surfaces to be sealed must be clean, dry and free from grease, laitance or dust that may hinder adhesion.

Apply **ADINO ACOUSTIC FIRE STOP** over a polyethylene backing rod to a minimum depth of 12.5mm. When applying the sealant, ensure all crevices are filled and there is complete contact between sealant and substrate. Tool down using a wetted spatula. Any excess may be removed using soapy water before **ADINO ACOUSTIC FIRE STOP** dries.

Do not apply in damp conditions.

**LIMITATIONS:**

**ADINO ACOUSTIC FIRE STOP** is not suitable in joints where movement exceeds + or - 15% of joint width, or in external joints.

**CONTAINER SIZE:**

EU3 and EU9 cartridges.

**STORAGE CONDITIONS:**

Store in cool dry conditions between 5-15°C Protect from frost.

**STORAGE LIFE:**

Minimum 12 months in unopened cartridge.

**DISPOSAL OF CONTAINERS:**

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

**HEALTH & SAFETY:**

- Low hazardous product - safe in normal use.
- Avoid eye contact.
- Avoid prolonged contact with skin.
- Thoroughly wash hands with soap and water after use.
- Keep out of reach of children.
- Some people are more sensitive to chemical products than others. If irritation occurs discontinue use.
- See separate material safety data sheet for full handling, use and storage.

**SPECIFICATION SUMMARY:**

Appearance	Viscous paste, hardening by evaporation of water to a plastic/elastic solid
Flammability	Non flammable
Flashpoint (°C)	N/A – water based
Specific Gravity	1.59 - 1.63
pH	7.9 - 8.3
Solubility (water)	Miscible when uncured

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