

FR INTUMESCENT ACRYLIC SEALANT

FIREFLY™ FR Intumescent Acrylic is a water based sealant, used to provide a fire-rated seal to joints, gaps and around penetrations, tested to BS EN 1363-3 and BS EN 1363-4.



USE AREAS

FIREFLY™ FR Intumescent Acrylic Sealant must be used when installing a FIREFLY™ FB180 Batt system, in order to provide a tested and certified solution.

The sealant should be applied to all cuts, joints and exposed edges of the FB180 Batt, as well as around penetrations. FIREFLY Ablative Coating may additionally be used.

FIREFLY™ FR Intumescent Acrylic Sealant is also suitable as a linear joint seal in various substrates, including concrete, softwood, hardwood, steel, and gypsum board.

KEY BENEFITS

- Up to 4 hours fire protection
- Integral component of a tested FIREFLY™ FB180 Ablative Batt system
- Forms a fire and smoke seal in linear joints up to 35mm wide
- Suitable for penetration seals around metal pipes
- Flexible formulation, tolerates movement of up to +/- 12.5%
- Acoustic testing to BS EN 10140-2, offers a 55dB sound reduction

PRODUCT NAME	FIREFLY™ FR Intumescent Acrylic Sealant
TESTING	BS EN 1366-3, fire resistance of penetration seals BS EN 1366-4, fire resistance of linear gap seals Classified to EN 13501-2 EN 10140-2 – sound reduction 55dB
APPLICATION	Vertical & horizontal use Seals joints up to 35mm without slumping ISO 11600:2002, movement +/- 12.5% accommodation
FINISH/COLOUR	White Skin time: 15 – 60 minutes depending on conditions Cure time: 5 – 15 days for a 15 x 20mm bead Painting, suitable after cured
PACKAGING	310ml cartridge 600ml foil Shelf life: 24 months Coverage: 1 tube equals approximately 1 metre @ 20 x 15mm bead
ADDITIONAL DATA	Storage: cool, dry place – protect from frost VOC: MI, Indoor Air Comfort GOLD® Specific Gravity: 1.60 – 1.68g/cm ³ Application Temperature: +5 – +40C
LIMITATIONS	Not suitable where movement exceeds +/- 15% of joint width Not suitable for use with cPVC pipes

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All FIREFLY™ cavity barrier products must be installed in compliance with the FIREFLY™ Installation Guide, which is provided upon request. For larger installations, refer to the relevant product drawings 022 & 030. Contact the manufacturer for clarification on non-standard installations. Deviation from these drawings should not be carried out without written authority from the FIREFLY™ Technical Department.

All figures quoted are nominal, believed to be true at the time of printing and are presented without guarantee. It is up to the user to determine the suitability of use.

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