

FR Intumescent Acrylic Sealant



DESCRIPTION

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: M1, 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

