

TECHNICAL DATA SHEET

SX FLAMEGUARD INTUMESCENT ACOUSTIC SEALANT

An emulsion-based sealant for fire retarding construction joints in buildings. This product will transfer into a foam above +200°C. It is not corrosive towards metals and has low odour. After application the product forms a tough plastic, elastic rubber seal by evaporation of water from the sealant. It has excellent sound absorbing qualities.

Fire Rating Between: concrete/concrete 25mm x 10mm 360 minutes

Fire Rating Specification: United Kingdom BS476 Part 20 1987

USES - Suitable for indoor joints where a fire retardant seal is required to prevent the passage of fire, smoke and vapours. Perimeter pointing around door and window frames, concrete and brickwork. For joints between walls, ceilings and joints around pipe and cable work. Joint dimensions do have an effect on the fire retarding properties. The deeper the joints are sealed the better the fire retarding properties. Can be used as an acoustic sealant

COLOUR: White

PACKAGING: 310ml cartridge (packed 1 x 12)

DIRECTIONS - Surfaces must be clean, dry and free from dust, grease and other loose material. Use diluted Intumescent sealant as a primer for highly porous surfaces. Cut the cartridge seal and screw on the nozzle which should be cut to your required size. Using a skeleton gun, apply the sealant into the gap or joint ensuring a good solid fill. If required place masking tape along edges, removing within 5 minutes of application. Always tool using a spatula or stick wetted with soapy water within 5 minutes of application.

HEALTH & SAFETY – This product contains a preservative against microbial deterioration. Contains: a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-Isothiazol-3-one [EC no. 220-239-6] (3:1) Contains: 1,2-benzisothiazol-3 (2H)-one (CAS: 2634-33-5). May produce an allergic reaction. Safety data sheet available on request. Keep out of the reach of children. Do not take internally. Use only in well ventilated areas. If after inhalation one feels unwell then supply fresh air. After any skin contact wash off immediately. After eye contact wash open eye for several minutes under running water. If any symptoms persist consult a doctor and take the cartridge with you. Dispose of empty packaging responsibly.

LIMITATIONS - Among others not recommended for locations subject to continuous water immersion and not for PE, PP, PC, PTFE and bituminous substrates. Painting over with highly filled emulsion paint can cause cracks in the paint film. Adhesion tests prior to application are recommended. It is the user's responsibility to determine suitability. Store between +5°C and + 25°C in cool, dry conditions.

LIABILITY - The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as Siroflex Limited cannot know all the uses that its products may be put to and as application methods are out of our control, it is the user's responsibility to determine suitability of use.

TECHNICAL DATA	DIMENSION	SX FLAMEGUARD INTUMESCENT ACOUSTIC SEALANT
Basis		Acryl Emulsion
Application temperature	°C	+5 - +40
Flow - ISO 7390	mm	<2
Density	g/ml	1.6
Skin over time - 23°C/55%RF	min	5
Frost resistant upto -15°C during transport		No
Shelf life stored between +5°C - +25°C	month	12
Paintable after curing		Yes
Solids	%	80
Joint movement capability	%	+/-10
Temperature resistance after curing	°C	-20 - +75
Mechanical properties - 2mm film		
Shore-A hardness (3 s) - DIN 53505	Mpa	50
100% modulus - DIN 53504	MPa (N/mm ²)	0.5
Elongation at break - DIN 53504	%	350
Fire rating properties		
Between concrete/concrete 25mm Integrity Seal A	min	360
Insulation Seal A	min	268
Fire rating specification		
United Kingdom - BRE report 220965		BS476: part 20: 1987
Joint dimensions		
Minimum width	mm	4
Maximum width	mm	25

Click [here](#) for full Health & Safety information.

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