



Flameguard Intumescent Acrylic

Code 832 White

Flameguard Intumescent Acrylic Sealant is a one component highly qualified emulsion-based sealant for fire retarding constructions. The product will transfer into a foam above +200°C. The product is almost odour free and is not corrosive towards metals. After application the product forms a tough rubber by evaporation of water from the sealant.

USES: Especially for indoor joints where high demands are to be met as a fire retardant seal to prevent the passage of fire and smoke. Shows good adhesion on most building materials like concrete, brickwork, airtreated concrete, painted wood, anodised aluminium and PVCu. Perimeter pointing around door and window frames, concrete and brickwork. Joints between floors and ceilings, around pipe and cable work. Also joints in fire retardant constructions in buildings, domestic housing and sea going vessels.

COLOUR: White

PACKAGING:
310ml cartridge
packed 1 x 12

PREPARATION
Surfaces must be clean, dry and sound. Use diluted intumescent acrylic as a primer for highly porous surfaces. Adhesion tests prior to the application are recommended.

APPLICATION
Gun sealant firmly into the joint to provide a solid fill. If required use masking along the edges and remove within 5 minutes of application. Sealant may be tooled down using a spatula or a stick wetted with water. It is the user's responsibility to dispose of all packaging correctly.

Joint dimensions do have an effect on the fire retarding properties.

The deeper the joints are sealed the better the fire retardant properties.

TECHNICAL DATA	FLAMEGUARD INTUMESCENT ACRYLIC
Movement accommodation	+/-12.5%
Flow ISO 7390	<2mm
Density	1.5g/ml
Skimming Time 23°C/55%	5 minutes
Solids	83%
Hardness Shore A DIN 53505	40
Temperature Resistance	-20°C to +75°C
Modulus DIN 53504	MPa(N/mm ²) 1
Elongation DIN 53504	500%
Paintability	Yes
Application Temperature	+5°C to +40°C
Shelf Life	12 months
Storage	+5°C to +25°C
Fire rating properties	
between brick/brick 20mm BS476	120 minutes
between brick/metal 20mm BS476 min	86 minutes
between brick/timber 25mm BS476 min	36 minutes
Between concrete/c.20mm CSTB	360 minutes
between concrete/c. 25mm BS476 part 20:1987	360 minutes
Fire rating specification	
United Kingdom BS467: part 20: 1987	
France CSTB no: 93:35164	
Joint dimensions	
minimum width	4mm
maximum width	25mm
joint connection	4- 8mm width 6mm depth
	10-12mm width 8mm depth
	14-16mm width 10mm depth
	18-20mm width 12mm depth
	22-24mm width 14mm depth

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TECHNICAL DATA



LIMITATIONS

Not recommended for locations subject to continuous water immersion and not for PE, PP, teflon and bituminous surfaces. Painting over with highly filled emulsion paint can cause cracks in the paint.

HEALTH & SAFETY

CAUTION:

May irritate the skin and eyes. If contact occurs rinse with plenty of water. Seek medical attention if irritation persists. Keep out of reach of children.

IRRITANT:

Use only in well ventilated areas and wear protective clothing. Do not take internally.