



Ideal Chemical Products Ltd

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Idealseal Firecheck Intumescent Acoustic Sealant

DESCRIPTION

Idealseal Firecheck Intumescent Acoustic Sealant is a one component highly qualified emulsion-based sealant for fire retarding constructions. The product will transfer into a foam above +120°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 25

PREPARATION

Surfaces must be clean, dry and sound. Use diluted intumescent acoustic sealant 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.

IDEALSEAL FIRECHECK INTUMESCENT ACOUSTIC SEALANT TECHNICAL DATA SHEET CONTINUED

HEALTH & SAFETY

Safety data sheet available for professional user on request. Dispose of empty packaging correctly.

LIMITATIONS

Among others not recommended for locations subject to continuous water immersion and not for PE, PP, Teflon and bituminous surfaces. Painting over with highly filled emulsion paints can cause cracks in the paint film. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability.

LIABILITY

The information given is the result of our tests and experience and is believed to be accurate and reliable. However as Ideal Chemical Products Limited cannot know all the uses its products may be put to, and as application methods are out of our control it is the users responsibility to determine suitability of use.

TECHNICAL DATA	DIMENSION	IDEALSEAL GRIP IT
Basis		Acryl emulsion
Application temperature	°C	+5/ +40
Flow	ISO 7390 mm	<2
Density	g/ min	1,62
Skin over time		15 mins to 1 hour depending on conditions.
Frost resistant till -15°C during transport		No
Paintable after curing		Yes
Shelf life between +5°C and +25°C	month	18
Joint movement capability	%	+/-15
Temperature resistance after curing	°C	-20/ +70
Hardness Shore A		25-30
<u>Fire rating properties</u>		
Between concrete/concrete Integrity Seal A	min	240
<u>Fire rating specification</u>		
United Kingdom		BS476: part 20: 1987