

## PRODUCT DATA

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# EVO-STIK INTUCRYLIC SEALANT ACRYLIC INTUMESCENT SEALANT

Evo-Stik Intucrylic is a high quality water-borne acrylic intumescent building sealant. It cures to form a tough, tack-free seal with excellent adhesion to a wide variety of building surfaces. In the event of a fire, Evo-Stik Intucrylic will swell (intumesce) to form an insulating char, which is fire resistant and will resist the passage of smoke and flame.

Evo-Stik Intucrylic is used for sealing expansion, contraction and construction joints where compartmentation and movement are factors; as a bedding/sealing compound for locating fire resistant board systems; to seal gaps which occur between fire-rated building components and the surrounding structures i.e. window and door frames; and as a service penetration seal system for both cables and pipes.

### Features

- Water-borne acrylic
- High level of certification
- Assessed to BS476: Part 20: 1987 to give up to 4 hours fire resistance in suitable structures
- Swells to form a barrier in high temperatures
- Joint movement accommodation of  $\pm 12.5\%$
- Will not slump in joints up to 30mm wide
- Minimal shrinkage
- Excellent adhesion to a wide range of substrates
- Rapid curing
- Tack-free surface in usually less than 15 minutes
- Can be overpainted

### Product Characteristics

<b>Colour</b>	White and grey
<b>Form</b>	Gunnable paste
<b>Composition</b>	A blend of pigments, extenders and structuring agents in an acrylic dispersion
<b>Packaging</b>	Cartons of 12 x 310ml cartridges
<b>Shelf life/storage</b>	At least 12 months from date of manufacture when stored unopened in a cool, dry place within the temperature range +5°C to +30°C and out of direct sunlight. PROTECT FROM FROST

### Typical Performance Data (approx.)

<b>Cure rate</b>	Forms a tack-free skin within approximately 15 minutes of application. Full cure is rapid, dependent upon joint size.
<b>Adhesion</b>	Excellent to most firm, clean and dry surfaces

### Slump resistance

Does not slump from vertical joints up to 30mm in width

### Joint movement accommodation

 $\pm 12.5\%$  overall

### Life expectancy

Up to 15 years

### Certification

Assessed to BS476: Part 20: 1987 as both a linear gap and service penetration seal giving up to 4 hours fire resistance in suitable structures.

ASTM E84 (Surface Burning of Building Materials), Class A

### Quantity guide

The following equation will give the approximate number of 310ml cartridges required:  
 $0.0034 \times M \times C$   
where  
M = length of joint in metres  
C = cross-sectional area of joint in square millimetres

### Directions for use

#### IMPORTANT

Before embarking on any work involving Evo-Stik Intucrylic, the separate Safety Data Sheet should be carefully studied by those carrying out the work.

#### Surface Preparation

All joint surfaces must be sound, clean, dry and free from oil, grease, dust and other loose matter. Oil and grease should be removed from non-porous substrates using a suitable cleaner. In order to provide a firm base on which to extrude the sealant, and also to ensure that adequate depth of sealant is maintained, movement joints should be backed with a suitable foam backing strip such as polyethylene.

#### Application

Cut the cartridge nozzle at an angle at the point required to provide a suitable diameter bead of sealant. Cut off the dome at the top of the cartridge without damaging the thread and screw the nozzle onto it.

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Fit the cartridge into the caulking gun, then force the Evo-Stik Intucrylic into the joint, ensuring that it makes full contact with the sides. The sealant surface can be tooled to a smooth finish using a tooling stick or trowel dipped in dilute detergent within 3-5 minutes. Do not use a wetted finger.

### **Precautions in Use**

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate health and safety data sheet for Evo-Stik Intucrylic.

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