

**PRODUCT DATA**

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# EVO-STIK INTUCRYLIC SEALANT

# ACRYLIC INTUMESCENT SEALANT

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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
<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
<b>Slump resistance</b>	Does not slump from vertical joints up to 30mm in width
<b>Joint movement accommodation</b>	$\pm 12.5\%$ overall
<b>Life expectancy</b>	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.

**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 Sealant, 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.

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 Sealant.

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