

# Intumescent Sealant

An intumescent acrylic sealant that swells when exposed to temperatures in excess of 125°C to prevent the passage of fire and smoke. Speedline Intumescent Sealant is a one part, emulsion acrylic based, intumescent sealant that gives a firm yet flexible seal to joints in a variety of structures. The product, in perimeter joints, will resist the passage of fire for up to 120 minutes in Speedline tested systems. The selected fillers used in this formulation also make it suitable for use as an acoustic sealant as a perimeter joint in Speedline tested systems.

## USES

Sealing joints, voids and irregular holes in walls, partitions and other structures; also for sealing perimeter joints in fire rated partitions in Speedline tested systems.

## FEATURES AND BENEFITS

- Swells when exposed to temperatures in excess of 125°C to prevent the passage of fire and smoke
- No priming required for most construction substrates
- Non slump - easy to apply and tool off
- Overpaintable
- Available in 310ml, 600ml and 900ml

## PRODUCT INFORMATION

Product Code	Size (ml)	Packaging	Colour
10645879	310 ml	Cartridge	White
10645882	600 ml	Foil Pack	White
10645880	900 ml	Cartridge	White

### Shelf Life

24 months from date of manufacture

### Storage Instructions

Store in cool dry conditions between +5°C and +30°C - Protect from frost.

**Curing Time:** 3 to 5 days, dependent on thickness, ambient temperature and humidity.

**Skin Time:** 10 Minutes

**Tack Free Time:** 15 Minutes

For use in Joints up to a maximum of 30mm wide

Movement: +/- 7.5% of original size

When exposed to heat, it swells greater than 150% of its original size, creating a char

Permanently flexible with more than 100% elongation to ISO8339

### Limitations Precautions

Not for use on substrates that may bleed oils, solvents or plasticisers.

Not for use where joints are constantly immersed in water, or as part of structural glazing systems.

Known to have compatibility problems with some cPVC piping.



## APPLICATION INSTRUCTIONS

1. Test on a small area inconspicuous prior to use.
2. Surfaces must be clean, dry and free from dust, grease and other contaminants. Improve adhesion by wiping surface with a suitable cleaner allowing all solvent to evaporate before applying sealant. Priming is generally not required, although we always advise testing small areas prior to use.
3. Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut at an angle of 45° with an opening slightly larger than the gap to be sealed.
4. Apply using a standard sealant gun. Apply using an even pressure on the trigger and keeping the gun at a constant angle to the surface being sealed.

**Safety Data Sheet Available On Request**