

AVIMASTIC

Intumescent Acrylic Sealant

Avimastic is an elastomeric intumescent sealant. It is a high solid water based acrylic, specially compounded to provide exceptional adhesive and elastomeric properties for a high fire stopping sealant requirement for sealing joint in walls, floors and ceiling, to seal around architraves and frames, to seal fire rated duct work.

Properties

A medium viscosity paste containing acrylic emulsion, inert fillers and fungicide. Can be used internally or externally.

Maximum joint width	35mm
Optimum performance Depth to width ratio	1 to 2
Colors available: standard color red, white others available to special order	
Can be over painted	
Toxicity NES 715 Issue 3, Average Toxicity Index Value	
Thixotropic through curing times at 20°C	20 days 20mm depth
Packing	310 ml

Performance

Tested at Warrington Fire Research to BS 476 Part 20, Class 1, Class O

4 hours fire integrity

Safety Benefits

- One part intumescent acrylic sealant
- Swells in a fire to give a smoke and fire resistant seal
- Halogen and solvent free
- Resistant to fungus, mold
- Fire rated up to 4 hours (depending on joint design)

Intumescent Acrylic Sealant is high quality fire rated sealant.

Characteristics

- Can be used to seal joints in floors, walls and ceilings
- Can be used to seal round door architraves and frames
- Can be used to seal fire rated duct work
- Joint movement capability ±10%
- Bonds to brick, plaster, concrete, wood, metal and painted surfaces
- Give up to 4 hours integrity

Benefits

Fully tested to 4 hours fire protection using either mineral wool or PE backing rods.
No smoke, halogen free
NES 715 issue tested for low toxicity of 0.44 ATIV (Average Toxicity Index Value)

Legislation

Compartment walls and floors must maintain the appropriate level of fire resistance as laid down by Building Regulations Approved Document B 1991. Movement joints in walls, floors and joints at the head of walls need a product that can provide movement and at the same time provide up to 4 hours integrity. **Avimastic** satisfied all these requirements.

Manufactured under ISO 9001:2000 Quality System

Application

All surfaces must be clean, dry and free from dirt, grease and loose particles remove nozzle and cut to the required diameter, cut off cartridge tip and screw on nozzle. Ensure that the sealant is forced into the joint so that the full contact is made with joint surfaces. Use joint backing rod to control sealant depth and assist in tooling knife. Surrounding areas may be masked off to protect/prevent contamination.

Material Requirement

Use the following formula to determine number of cartridges required:

$$\frac{\text{Gap width (mm)} \times \text{Depth (mm)} \times \text{Total Length (m)}}{310} = \text{No. of cartridges}$$

Specification

*Install **Avimastic** (color) fire seals in full accordance with manufacturer's instructions.

Health and Safety

Keep out of reach of children

Avoid contact with skin and eyes

Wash hands after use

Do not ingest

Safety Data Sheet available on request

Storage

Store between 5°C and 25°C

Shelf life: 12 months

Protect from frost.

Maintenance:

Routine inspection recommended to ensure no damage.

No maintenance required after installation.