

# Technical Data Sheet

## AS-1730 Fire Rated Duct Sealant



### Physical Properties

**Appearance:**  
Grey paste

**Setting time:**  
24 hours depending on ambient temperature.

**Tack-free time:**  
2 – 5 minutes at 30 °C

**Color**  
Grey

**Service temperature:**  
-10 °C to 50 °C

**Storage:**  
Store in a dry and cool place with temperature below 30 °C

**Shelf life:**  
12 months

**Packaging:**

Content	Quantity/ carton
4.0 kg pail	4
20.0 kg pail	1
300 mL cartridges	24

### Description

ALSEAL AS-1730 Fire Rated Duct Sealant is a fire resistive, water-based indoor/outdoor air duct sealant. It performs as a tough and flexible adhesive and sealant on the joints and seams, thereby effectively blocks the infiltration of gases, dust and other contaminants and the exfiltration of conditioned air. It is able to accommodate minor vibration and movement, stays flexible and does not crack. It has been tested to meet the requirements for UL94 HB Flammability Test.

### Applications

Ideal for sealing fabricated joints and seams of sheet metal air ducts, fibreglass duct board, thermal insulation, crawl space vapour barriers, house wrap, and other types of air ducts.

### Features

- ◆ Fire resistive (conforms to UL94 HB)
- ◆ Low VOC and low odour
- ◆ Excellent workability
- ◆ Crack and peel resistant
- ◆ Slump resistant
- ◆ High solid content

### Technical Data

Specific gravity	: 1.53 – 1.57
Solid content	: 79 – 81%
Tensile strength (ASTM D412)	: >0.5 N/mm <sup>2</sup>
Elongation (ASTM D412)	: >200 %

### Usage Instructions

**Pail:**

- Surfaces must be clean, dry and free of dirt, grease, oil or water.
- Apply a smooth even coat of sealant, keep brushing in the same direction. Do not apply more than 2 coats.
- The sealant should be allowed to dry for at least 2 hours if over painting is required.
- Clean tools immediately after use.

**Cartridges:**

- Cut the cartridge tip carefully.
- Cut the nozzle into an appropriate diameter at an angle of approximately 45° to 60°.
- Use a caulking gun and extrude the sealant with a single bead.
- Tool the sealant bead with a clean and dry tool for a smooth finishing.

### Caution

Keep out of reach of children. Safety data sheet available on request. For further health and safety information, consult the latest safety data sheet.

### Disclaimer

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